

Invitation to Bid

Project: Kenai Fire Department (KFD) Flooring Replacement

Release: September 15, 2022

Last day for Questions: September 26, 2022 by 12:00pm

Bids Due Date: October 6, 2022, no later than 12:00pm

Kenai City Hall 210 Fidalgo Avenue Kenai, AK 99611

ATTN: Director of Public Works

Blank Page

Table of Contents

- 1) Advertisement
- 2) Instructions to Bidders-Flooring Schedule
- 3) Bid Form
- 4) Tax Compliance Form
- 5) Non Collusion Affidavit
- 6) Sample Agreement
- 7) Contractor's Release Affidavit
- 8) Business Contractor's License
- 9) Sample Insurance Certificate
- 10) KFD Limited Haz-Mat Summary Report
- 11) Armstrong Flooring Safety Zone Data Sheet
- 12) Roppe 700 Series Data Sheet
- 13) Work Area Building Zone
- 14) Public Safety Bldg As-Built A-2
- 15) Public Safety Bldg As-Built A-3

Blank Page



Advertisement for Bid

Project Name: Kenai Fire Department (KFD) Flooring Replacement Last Day for Questions: No later than 12:00pm September 26, 2022 Bid Due Date and Time: No later than 12:00pm October 6, 2022 at City Hall

Scope of Work: The City of Kenai / Kenai Fire Department (KFD) seeks assistance with the facility flooring replacement for the Kenai Fire Department consisting of ACM abatement, flooring demo and replacement to meet all project specification requirements throughout the fire department building office areas.

Bidders should contact the Public Works Department at (907) 283-8236 to be placed on the plans holders list. Questions may be submitted to publicworks@kenai.city.

Bids must be delivered in a sealed envelope clearly marked with the project name to the Public Works Department at the address above. Bid documents can be obtained on the City of Kenai's website at www.kenai.city at no cost or hard copies at City Hall for a non-refundable fee of \$30.00 including sales tax for each set of documents.

This contract is subject to the provisions of the State of Alaska Title 36 Wage and Hour Administration Pamphlet Statutes and Regulations and may require 100% performance and payment bonds.

Publish: Anchorage Daily News – September 15, 2022 or earliest available date

Peninsula Clarion – September 15, 2022 or earliest available date

Blank



INSTRUCTION TO BIDDERS

General: These instructions specify the form and procedures for the submission of a complete and acceptable bid. To obtain addenda in a timely manner, you should be on the City of Kenai's plan holder's list. Downloading project specifications and drawings from the City website or other online plans rooms does not place you on the City's plan holder's list. To be added to the plan holder's list, please contact Public Works by phone (907) 283-8236 or by email at Scurtin@kenai.city.

Project Name: Kenai Fire Department (KFD) Flooring Replacement

Last Day for Questions: By 12:00pm September 26, 2022 **Bid Due Date:** No later than 12:00pm October 6, 2022

<u>Objective:</u> Upgrade the Kenai Fire Department's facility with the removal and replacement of the Kenai Fire Department operations area flooring, base cove and associated work required to meet the objectives.

Scope of Work: Subject to the terms and conditions of the Agreement, the Bidder shall provide:

Flooring replacement for the Kenai Fire Department consisting of ACM abatement, flooring demo and replacement to meet the all project specification requirements throughout the building. A Site Survey and ACM testing has been completed in January 2022, with the site survey and test reports attached outlining the ACM abatement and demo work to be completed. Existing as-built architectural drawings A-2 and A-3, 1973, and site photos are attached for reference use.

This work shall be performed to minimize the disruption to the daily fire departments operations by only working on less than ½ of the buildings selected areas at a time. The fire department will relocate the areas furnishings and equipment as needed for the abatement and flooring installation, upon completion of all work, the removed items will be returned and the remaining areas furnishings will be removed. The fire department shall be allowed 3 working days (Monday-Friday) to relocate and remove furnishings as required between the selected areas. A work plan showing the phasing areas and entrance/egress locations shall be submitted for review, coordination and approval prior to the start of construction.

The flooring materials shall be provided as listed or equal to the standard of the product on the attached flooring schedule and as shown in the product data sheets.

<u>Licensing:</u> Section 43.70.020 of the Alaska State Statutes requires that all businesses wishing to engage in business in Alaska obtain a license. All suppliers/contractors are required to furnish, a current, valid Alaska Business License Number and, if applicable, a current, valid Contractor's License Number, Specialty Contractor License Number, etc. prior to entering into a contract.

<u>Tax Compliance:</u> No contract that requires competitive bidding pursuant to a City Ordinance may be awarded to an individual or business that is in violation of City tax ordinances unless the violations is cured within ten (10 business days of notice; in compliance with KMC 7.15.110.

Instructions to Bidders Page | 1

<u>Questions:</u> Questions regarding this project should be directed to Scott Curtin, Director Public Works, and submitted via email to scurtin@kenai.city. Questions must be received by 12:00pm on September 26, 2022.

<u>Acceptance-Rejection of Bid:</u> The City reserves the right to reject any or all bids, to waive minor irregularities in any bid or in the bidding procedure, and to accept any bid presented which meets or exceeds said specifications and which is deemed to be in the best interest of the City. Award of project is contingent upon City Council approval and appropriation of funds.

Award of Bid: It is the intent of the City of Kenai to award a contract to the lowest responsive and responsible bidder for each item or combined whichever is less.

Contractor may bid on one or both of the following scope of work. If the contractor only bids on one phase of the following work items, all work will be required to be performed and coordinated together with the other selected contractor as outlined in the project scope of work.

<u>Contracts:</u> This project will be accomplished through a City of Kenai short form contract (sample attached). This project is subject to the provisions of the State of Alaska, Title 36, Minimum Wage Rates and Notice of Work/Notice of Completion. Insurance requirements are \$1,000,000 for both commercial general liability (CGL) and auto, \$1,000,000 for errors and omissions (E&O) if required by contract. See attachment Sample Contract.

<u>Bid Due Date:</u> Bids shall be submitted no later than 12:00pm on October 6, 2022.

Instructions to Bidders Page | 2

KFD Flooring Schedule

Room #	Room Use	Flooring	Base
10	Dispatch	Vinyl Composition Tile – VCT-1	Vinyl Wall Base -1
11	Admin Asst	Vinyl Composition Tile – VCT-1	Vinyl Wall Base -1
12	Fire Asst Chief	Vinyl Composition Tile – VCT-1	Vinyl Wall Base -1
13	Chief Office	Vinyl Composition Tile – VCT-1	Vinyl Wall Base -1
14	Hallway	Vinyl Composition Tile – VCT-1	Vinyl Wall Base -1
15	Watch Office	Vinyl Composition Tile – VCT-1	Vinyl Wall Base -1
21	Lobby	Vinyl Composition Tile – VCT-1	Vinyl Wall Base -1
21A	Closet	Vinyl Composition Tile – VCT-1	Vinyl Wall Base -1
25	Fire Marshall	Vinyl Composition Tile – VCT-1	Vinyl Wall Base -1
27	Hall & Closets	Vinyl Composition Tile – VCT-1	Vinyl Wall Base -1
28	Kitchen	Vinyl Composition Tile – VCT-1	Vinyl Wall Base -1
30	Dinning Lounge	Vinyl Composition Tile – VCT-1	Vinyl Wall Base -1
31	Food Storage	Vinyl Composition Tile – VCT-1	Vinyl Wall Base -1
34	Medical Storage	Vinyl Composition Tile – VCT-1	Vinyl Wall Base -1
35	Lounge	Vinyl Composition Tile – VCT-1	Vinyl Wall Base -1

Flooring Products

VCT-1 Armstrong Flooring Safety Zone - Rocky Road # 57022 Base-1 Roppe Series 700 - Charcoal # 123 6"

Instructions to Bidders Page | 3

Project: Kenai Fire Department (KFD) Flooring Replacement

Bid Form

Contractor may bid on one or both of the following scope of work. If the contractor only bids on one phase of the following work items, all work will be required to be performed and coordinated together with the other selected contractor as outlined in the project scope of work.

scope	of work.			
1.0	Price for Contractor to mobilize to site and perform selected demo/ abatement work as required by the referenced contract requirements under the (ACM) abatement requirements of the bid documents.			
	LS \$			
And/o	<u>or</u>			
2.0	Price for Contractor to mobilize to site and demo existing floorings and install new flooring work as required by the referenced contract requirements in the b documents.			
	LS \$			
Comp	any Name:			
Conta	ct:			
Phone	e:			

Signature: _____ Date: _____

Tax Compliance Certification Kenai Peninsula Borough

Finance Department

144 N. Binkley Street Phone: (907) 714-2197 Soldotna, Alaska 99669-7599 or: (907) 714-2175 www.kpb.us Fax: (907) 714-2376 For Official Use Only 1.) Fill in all information requested. 2.) Sign and date. 3.) Submit with solicitation, or other. For Department: Reason for Certificate: ☐ Solicitation Other: Dept. Contact: **Business Name:** Other: ☐ Individual ☐ Corporation ☐ Partnership Business Type: Owner Name(s): **Business Mailing Address:** Business Telephone: **Business Fax:** Email: As a business or individual, have you ever conducted business or owned real or personal property within the Kenai Peninsula Borough? (If yes, please supply the following account numbers and sign below.) If no, please sign below.) Kenai Peninsula Borough Code of Ordinances, Chapter 5.28.140, requires that businesses/individuals contracting to do business with the Kenai Peninsula Borough be in compliance with Borough tax provisions. No contract will be awarded to any individual or business who is found to be in violation of the Borough Code of Ordinances in the several areas of taxation. REAL/PERSONAL/BUSINESS PROPERTY ACCOUNTS TAX ACCOUNTS/STATUS (TO BE COMPLETED BY KPB) ACCT. NO. ACCT. NAME YEAR LAST PAID **BALANCE DUE** ☐ In Compliance ☐ Not in Compliance Date **KPB Finance Department (signature required) SALES TAX ACCOUNTS** TAX ACCOUNTS/STATUS (TO BE COMPLETED BY KPB) ACCT. NO. ACCT. NAME FILED THRU M/F's **BALANCE DUE** ☐ In Compliance ☐ Not in Compliance **KPB Sales Tax Division (signature required)** Date CERTIFICATION: I, , hereby certify that, to the (Name of Applicant) best of my knowledge, the above information is correct as of _

Signature of Applicant (Required)

NON – COLLUSION AFFIDAVIT

(To be executed and submitted with Bid) I, ______of _____ Firm Name being duly sworn, do depose and state: I, or the firm, association, or corporation of which I am a member, who propose on the Contract to be executed by the City of Kenai, for the construction of that certain project designated as: Project: Kenai Fire Department (KFD) Flooring Replacement located at Kenai, Alaska in the State of Alaska, have not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such Contract. Signature Name Title Date **ACKNOWLEDGMENT** STATE OF ALASKA))ss THIRD JUDICIAL DISTRICT

The foregoing instrument was acknowledged before me this ____ day of ______, 20___, by

NOTARY PUBLIC for State of Alaska

My Commission Expires:

Contractor's Printed Name: Contractor's Fed. Tax ID #:	All-America City	THE CITY OF K SHORT FORM AGR This agreement is not valid until prope and accompanied by a valid City of I	EEMENT rly signed by the parties	City of Kenai 210 Fidalgo Ave. Kenai, AK 99611 907-283-8236
CONTRACTOR WILL PROVIDE THE CITY OF KENA	I THE FOLLOW	ING SERVICE(S);		
Interpretation: The following documents are incorpora 1. Addenda 2. Proposal / Drawings / Instructions to Bidders 3. This Short Form Agreement 4. General Conditions (See page two / reverse of this to 5. Contractor's Proposal		•	g order of precedence:	
Contractor's compensation will be (In words and numb	pers):			
Time of commencement and completion:				
BY SIGNING BELOW, THE CONTRACTOR HEREBY ACCEPTS ALL TERMS AND CONDITIONS OF THIS CONDITIONS	AFFIRMS THA AGREEMENT	AT HE OR SHE HAS READ AND INCLUDING THE GENERAL	Contractor's Addre	ss & Phone / Fax Numbers:
Contractor's Signature		Date		
Recommended by:	Purchase Orde	er Number:	Approved by City Manag	ger:
Signature Date			Signature	Date

Short Form Agreement Revised 12-21-2018

GENERAL CONDITIONS

Section 1. Execution of This Agreement. This agreement is not valid until properly signed by the parties and accompanied by a valid City of Kenai Purchase Order.

Section 2. Independent Contractor. The Contractor shall provide services as an independent contractor to the City.

Section 3. Compliance With Laws. The Contractor shall comply with all statutes, ordinances, and regulations governing its performance, post all required notices, and obtain all permits, licenses, and other entitlements necessary to its performance. The Contractor shall pay all taxes related to its performance and shall be current on all borough taxes at the time of entering this agreement. The Contractor shall acquire and maintain in good standing all permits, licenses; and other entitlements necessary to the legal performance of this agreement.

Section 4. Equal Employment Opportunity.

- A. The Contractor will not discriminate against any applicant for employment because of race, color, religion, national origin, ancestry, age, sex, marital status, or mental or physical handicap. The Contractor will take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to the characteristics listed above. Such action shall include, without limitation, employment, upgrading, demotion or transfer, recruitment or recruiting or recruiting advertising, lay-off or termination, rates of pay or other forms of compensation, and selection for training including apprenticeship. The Contractor will post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
- B. The Contractor shall state in all solicitations or advertisements for employees to work on agreement jobs, that all qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, ancestry, age, sex, marital status, or physical or mental handicap.
- C. The Contractor shall include the provisions of subsections A and B of this section in every subcontract or purchase order under this agreement, so as to be binding upon every subcontractor or vendor of the Contractor under this agreement.

Section 5. Insurance. During the term of this agreement the Contractor shall maintain a policy of workers' compensation and employers' liability insurance as required by law. Contractor shall also be required to carry Commercial general liability with minimum coverage of \$1,000,000 and automobile liability insurance with minimum coverage of \$1,000,000 combined single limit bodily injury and property damage per occurrence. This insurance shall be primary and exclusive of any other insurance carried by the City of Kenai. The commercial general liability insurance shall be without limitation on the time within which the resulting loss, damage, or injury is actually sustained. Certificate(s) of Insurance shall be provided by Contractor and all subcontractors, or their Insurance Companies and/or their Agents, naming the City of Kenai as an additional insured for the work specified in this contract with a waiver of subrogation for commercial general liability insurance and automobile liability insurance. The certificates of insurance must reference the specific contract by name and project number. Workers compensation insurance must be endorsed for waiver of subrogation against the City. Such insurance shall be by a company/corporation currently rated "A-"or better by A.M. Best. If providing professional services, \$1,000,000 against any claim arising out of professional liability/errors or omissions of Consultant and/or Consultant's subcontractors must be provided.

Section 6. Assignments. Unless the City provides otherwise in writing, any assignment by the Contractor of its interest in any part of this agreement or any delegation of its duties shall be void, and permit the City to terminate this agreement without liability for work performed.

Section 7. Ownership, Publication, Reproduction, and Use of Material. Unless the City provides otherwise in writing, all data, documents, and materials that the Contractor produces shall be property of the City, which shall retain the exclusive right to publish, disclose, distribute and otherwise use, in whole or in part, any such data, documents, or other materials. This exclusive right does not apply to any materials presently in the public domain or not subject to copyright.

Section 8. Indemnity. The contractor shall indemnify, hold harmless, and defend the City at its own expense from and against any and all claims, losses, damages or expenses, including reasonable attorney's fees, of, or liability for, any wrongful or negligent acts, errors, or omissions of the contractor, its officers, agents or employees, or any subcontractor under this agreement. The contractor shall not be required to defend or indemnify the City for any claims of, or liability for, any wrongful or negligent act, error, or omission solely due to the independent negligence of the City. If there is a claim of, or liability for, the joint negligence of the contractor and the independent negligence of the City, the indemnification and hold harmless obligation shall be apportioned on a comparative fault basis.

Apportionment shall be determined upon final determination of percentage of fault. If any such determination is by settlement, the percentage of fault attributed to each party for purposes of this indemnification provision shall only be binding upon the parties included in the settlement agreement. "Contractor" and "City" as used in this article include the employees, agents, officers, directors, and other contractors who are directly responsible, respectively, to each. The term "independent negligence of the City" is negligence other than in the City's selection, administration, monitoring, or controlling of the contractor and in approving or accepting the contractor's work.

Section 9. Termination.

This agreement may be terminated for cause immediately or by the City for its convenience upon fifteen (15) days' written notice to the Contractor.

Upon termination and the Contractor's furnishing to the City all finished and unfinished data, documents or other materials prepared under the agreement, the City shall pay the Contractor for all satisfactory work performed before termination.

Section 10. Nonwaiver. Either party failing to enforce a provision of this agreement does not waive the provision or affect the validity of the agreement or a party's right to enforce any provision of the agreement.

Section 11. Jurisdiction and Choice of Law. Any civil action arising from this agreement shall be brought in the trial courts for the Third Judicial District of the State of Alaska at Kenai. The laws of the State of Alaska govern this agreement.

Section 12. Integration. This document and all documents incorporated in it by reference are the entire agreement of the parties and supersede all previous communications, representations or agreements regarding this subject, whether oral or written, between the parties.

Short Form Agreement Revised 12-21-2018

CONTRACTOR'S RELEASE AND AFFIDAVIT OF PAYMENTS OF DEBTS AND CLAIMS ("Release")

PROJECT NAME: Kenai Fire Department (KFD) Flooring Replacement

The undersigned, being first duly sworn, deposes and says:
1. That pursuant to this contract for project
2. The Contractor further certifies he did not extend any loan, gratuity, or gift of money of any form whatsoever to any employee or agent of the City, that he did not rent or purchase any equipment or materials from any employee of the City, nor to the best of his knowledge, from any agent of any employee of the City, and that he has not made any promise to an employee of agent of the City to do or undertake any such action after completion of the subject contract.
3. Pursuant to the above-described contract and in consideration of the final payment in the amount of \$
4. The Contractor shall indemnify, defend, save and hold the City, its elected and appointed officers, agents and employees, harmless from any and all claims, demands, suits, or liability or any nature, kind or character including costs, expenses, and attorneys fees resulting from Contractor or Contractor's officers, agents, employees, partners, attorneys, suppliers, and subcontractors' performance or failure to perform this Agreement in any way whatsoever. This defense and indemnification responsibility includes claims alleging acts or omissions by the City or its agents which are said to have contributed to the losses, failure, violations, or damage However, Contractor shall not be responsible for any damages or claim arising from the sole negligence or willful misconduct of the City, its agents, or employees. Contractor and subcontractors shall also not be required to defend or indemnify the City for damage or loss that has been found to be attributed to an independent contractor directly responsible to the City under separate written contract.

CONTRACTOR'S RELEASE AND AFFIDAVIT OF PAYMENTS OF DEBTS AND CLAIMS ("Release")

If any portion of this Release is voided by law or court of competent jurisdiction, the remainder of this Release shall remain in full force and effect. IN WITNESS WHEREOF, this Release has been executed this __day of ______, 2022. (Contractor's signature) Title **ACKNOWLEDGMENT** STATE OF ALASKA SS THIRD JUDICIAL DISTRICT THIS IS TO CERTIFY that on this _____ day of _____, 2022, before the undersigned, a Notary Public in and for the State of Alaska, duly commissioned and sworn, personally appeared ______, who, having produced satisfactory evidence of identification, and having acknowledged the voluntary and authorized execution of the foregoing instrument for the purposes therein mentioned, executed the above and foregoing instrument. Notary Public for Alaska My Commission Expires: _____

(NOTE: In case of a corporation, the attached Certificate of Authority must be completed by a corporate officer other than the one who signs above.)

SAMPLE

Alaska Department of Commerce, Community, and Economic Development P.O. Box 110806, Juneau, Alaska 99811-0806

ALASKA BUSINESS LICENSE
The licensee named below holds Alaska Business License Number
Covering the period of: through Line of Business:
<u> </u>
COMPANY NAME
ADDRESS
Owner: NAME OF OWNER
This license shall not be taken as permission to do business in the state without having complied with
The other requirements of the laws of the State of Alaska or of the United States.
Alaska Department of Commerce, Community, and Economic Development Commissioner:
This license must be posted in a conspicuous place at the business location. It is not transferable or assignable.
SAMPLE
No STATE OF ALASKA
Effective:
Expires: DEPARTMENT OF COMMERCE, COMMUNITY & ECONOMIC DEVELOPMENT
Division of Occupational Licensing
Division of Occupational Licensing
Certifies that
COMPANY NAME
Is a Registered
Specialty

Commissioner:



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(les) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s). CONTACT NAME: PRODUCER PHONE (A/C, No. Ext): E-MAIL FAX (A/C, No): ADDRESS: INSURER(S) AFFORDING COVERAGE NAIC # INSURER A INSURED INSURER B: INSURER C: INSURER D : INSURER E : INSURER F: COVERAGES **CERTIFICATE NUMBER:** REVISION NUMBER: THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. POLICY EFF POLICY EXP ADDL SUBR TYPE OF INSURANCE LIMITS POLICY NUMBER GENERAL HADILITA 1,000,000 EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) 100,000 X COMMERCIAL GENERAL LIABILITY X X 5,000 A MED EXP (Any one person) 1,000,000 PERSONAL & ADV INJURY GENERAL AGGREGATE 2,000,000 \$ 2,000,000 GEN'L AGGREGATE LIMIT APPLIES PER: PRODUCTS - COMP/OP AGG \$ X POLICY PRO-5 COMBINED SINGLE LIMIT AUTOMOBILE LIABILITY 1,000,000 (Ea accident) BODILY INJURY (Per person) S ANY AUTO A ALL OWNED SCHEDULED BODILY INJURY (Per accident) X X S AUTOS NON-OWNED PROPERTY DAMAGE HIRED AUTOS **AUTOS** (Per accident) \$ Underinsured motorist 1,000,000 X UMBRELLA LIAB **EACH OCCURRENCE** \$ OCCUR EXCESS LIAB 4,000,000 CLAIMS-MADE **AGGREGATE** DED THE RETENTIONS 10,000 \$ WORKERS COMPENSATION AND EMPLOYERS' LIABILITY X WC STATU-YIN ANY PROPRIETOR/DARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? E.L. EACH ACCIDENT 1,000,000 (Mandatory in NH)
If yes, describe under
DESCRIPTION OF OPERATIONS below E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 X E.L. DISEASE - POLICY LIMIT 1,000,000 DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required) Re: PROJECT NAME The Certificate Holder is an Additional Insured on General Liability & Automobile policies, but only with respect to work done by or on behalf or the named insured for the project referenced. The Certificate Holder is granted Waiver of Subrogation on the General Liability, Automobile and Workers' Compensation policies as respects the referenced project CERTIFICATE HOLDER CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. City of Kenai AUTHORIZED REPRESENTATIVE

ACORD 25 (2010/05)

210 Fidalgo Ave Kenai, AK 99611

© 1988-2010 ACORD CORPORATION. All rights reserved.



Request for Taxpayer Identification Number and Certification

▶ Go to www.irs.gov/FormW9 for instructions and the latest information.

Give Form to the requester. Do not send to the IRS.

	I Name (as snown on your income tax return). Name is required on this line, do not leave this line bia	rik.											
	2 Business name/disregarded entity name, if different from above												
Print or type. Specific Instructions on page 3.								4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any)					
typ tio	Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Parl	tnership) ▶		_									
Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner for U.S. federal tax purposes.						code (if any)							
cifi	is disregarded from the owner should check the appropriate box for the tax classification of its c Other (see instructions) ▶	Wilei.		(Ap)	olies to a	accounts	mainta	ined outside	e the U.	S.)			
Spe	5 Address (number, street, and apt. or suite no.) See instructions.	Requester	's nan	ne and	addre	ss (opt	ional)					
See		City of k	(enai	i									
	6 City, state, and ZIP code 210 Fidalgo Ave												
	Kenai, AK 9961 ⁻⁷ 7 List account number(s) here (optional)					_1							
	List account number(s) here (optional)												
Dai	t I Taxpayer Identification Number (TIN)												
	Part I Taxpayer Identification Number (TIN) Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid Social security number												
backı	up withholding. For individuals, this is generally your social security number (SSN). However the fact that alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other	r, for a											
	es, it is your employer identification number (EIN). If you do not have a number, see <i>How to</i>						_						
TIN, la	ater.	<u>o</u>											
	If the account is in more than one name, see the instructions for line 1. Also see What Name To City the Parameter for middless, and the parameter of the provided in the parameter of the parame	ne and	mplo	yer ide	r identification number								
Nume	per To Give the Requester for guidelines on whose number to enter.			_									
D.	A Pro-Pro-												
Par													
	r penalties of perjury, I certify that:	_											
2. I ar Ser	e number shown on this form is my correct taxpayer identification number (or I am waiting to not subject to backup withholding because: (a) I am exempt from backup withholding, or vice (IRS) that I am subject to backup withholding as a result of a failure to report all intere longer subject to backup withholding; and	(b) I have no	t bee	n notif	ed b	y the I	nter						
3. I ar	n a U.S. citizen or other U.S. person (defined below); and												
4. The	e FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA repo	rtina is corre	ct.										

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid,

acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.					
Sign Here	Signature of U.S. person ▶	Date ►			

General Instructions

Section references are to the Internal Revenue Code unless otherwise

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

• Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

By signing the filled-out form, you:

- 1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
 - 2. Certify that you are not subject to backup withholding, or
- 3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
- 4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting*, later, for further information.

Note: If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien;
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States;
- · An estate (other than a foreign estate); or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

In the cases below, the following person must give Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States.

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the entity;
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the trust; and
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust (other than a grantor trust) and not the beneficiaries of the trust.

Foreign person. If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person, do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Pub. 515, Withholding of Tax on Nonresident Aliens and Foreign Entities).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items.

- 1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
 - 2. The treaty article addressing the income.
- 3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
- 4. The type and amount of income that qualifies for the exemption from tax.
- 5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

Backup Withholding

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 24% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

Payments you receive will be subject to backup withholding if:

- 1. You do not furnish your TIN to the requester,
- 2. You do not certify your TIN when required (see the instructions for Part II for details),
 - 3. The IRS tells the requester that you furnished an incorrect TIN,
- 4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or
- 5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See *Exempt payee code*, later, and the separate Instructions for the Requester of Form W-9 for more information.

Also see Special rules for partnerships, earlier.

What is FATCA Reporting?

The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all United States account holders that are specified United States persons. Certain payees are exempt from FATCA reporting. See *Exemption from FATCA reporting code*, later, and the Instructions for the Requester of Form W-9 for more information.

Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you no longer are tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account; for example, if the grantor of a grantor trust dies.

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Line 1

You must enter one of the following on this line; **do not** leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account (other than an account maintained by a foreign financial institution (FFI)), list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9. If you are providing Form W-9 to an FFI to document a joint account, each holder of the account that is a U.S. person must provide a Form W-9.

a. **Individual.** Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

Note: ITIN applicant: Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040/1040A/1040EZ you filed with your application.

- b. **Sole proprietor or single-member LLC.** Enter your individual name as shown on your 1040/1040A/1040EZ on line 1. You may enter your business, trade, or "doing business as" (DBA) name on line 2.
- c. Partnership, LLC that is not a single-member LLC, C corporation, or S corporation. Enter the entity's name as shown on the entity's tax return on line 1 and any business, trade, or DBA name on line 2.
- d. **Other entities.** Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on line 2.
- e. **Disregarded entity.** For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a "disregarded entity." See Regulations section 301.7701-2(c)(2)(iii). Enter the owner's name on line 1. The name of the entity entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on line 2, "Business name/disregarded entity name." If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

Line 2

If you have a business name, trade name, DBA name, or disregarded entity name, you may enter it on line 2.

Line 3

Check the appropriate box on line 3 for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box on line 3.

IF the entity/person on line 1 is a(n)	THEN check the box for
Corporation	Corporation
Individual Sole proprietorship, or Single-member limited liability company (LLC) owned by an individual and disregarded for U.S. federal tax purposes.	Individual/sole proprietor or single- member LLC
LLC treated as a partnership for U.S. federal tax purposes, LLC that has filed Form 8832 or 2553 to be taxed as a corporation, or LLC that is disregarded as an entity separate from its owner but the owner is another LLC that is not disregarded for U.S. federal tax purposes.	Limited liability company and enter the appropriate tax classification. (P= Partnership; C= C corporation; or S= S corporation)
Partnership	Partnership
Trust/estate	Trust/estate

Line 4, Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space on line 4 any code(s) that may apply to you.

Exempt payee code.

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys' fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space in line 4.

- 1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)
- 2-The United States or any of its agencies or instrumentalities
- 3—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities
- 4—A foreign government or any of its political subdivisions, agencies, or instrumentalities
- 5-A corporation
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or possession
- 7—A futures commission merchant registered with the Commodity Futures Trading Commission
- 8-A real estate investment trust
- 9—An entity registered at all times during the tax year under the Investment Company Act of 1940
- 10-A common trust fund operated by a bank under section 584(a)
- 11-A financial institution
- 12—A middleman known in the investment community as a nominee or custodian
- 13—A trust exempt from tax under section 664 or described in section 4947

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for	THEN the payment is exempt for		
Interest and dividend payments	All exempt payees except for 7		
Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.		
Barter exchange transactions and patronage dividends	Exempt payees 1 through 4		
Payments over \$600 required to be reported and direct sales over \$5,000 ¹	Generally, exempt payees 1 through 5 ²		
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4		

See Form 1099-MISC, Miscellaneous Income, and its instructions.

Exemption from FATCA reporting code. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form W-9 with "Not Applicable" (or any similar indication) written or printed on the line for a FATCA exemption code.

A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)

B—The United States or any of its agencies or instrumentalities

C—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities

D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i)

E—A corporation that is a member of the same expanded affiliated group as a corporation described in Regulations section 1.1472-1(c)(1)(i)

F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state

G-A real estate investment trust

H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940

I-A common trust fund as defined in section 584(a)

J-A bank as defined in section 581

K-A broker

L—A trust exempt from tax under section 664 or described in section 4947(a)(1)

M—A tax exempt trust under a section 403(b) plan or section 457(g) plan

Note: You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payee code should be completed.

Line 5

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns. If this address differs from the one the requester already has on file, write NEW at the top. If a new address is provided, there is still a chance the old address will be used until the payor changes your address in their records.

Line 6

Enter your city, state, and ZIP code.

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN.

If you are a single-member LLC that is disregarded as an entity separate from its owner, enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN.

Note: See *What Name and Number To Give the Requester,* later, for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local SSA office or get this form online at www.SSA.gov. You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at www.irs.gov/Businesses and clicking on Employer Identification Number (EIN) under Starting a Business. Go to www.irs.gov/Forms to view, download, or print Form W-7 and/or Form SS-4. Or, you can go to www.irs.gov/OrderForms to place an order and have Form W-7 and/or SS-4 mailed to you within 10 business days.

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note: Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Caution: A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if item 1, 4, or 5 below indicates otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see *Exempt payee code*, earlier.

Signature requirements. Complete the certification as indicated in items 1 through 5 below.

² However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney reportable under section 6045(f), and payments for services paid by a federal executive agency.

- 1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983. You must give your correct TIN, but you do not have to sign the certification.
- 2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983. You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.
- **3. Real estate transactions.** You must sign the certification. You may cross out item 2 of the certification.
- **4. Other payments.** You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).
- 5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), ABLE accounts (under section 529A), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:				
1. Individual	The individual				
Two or more individuals (joint account) other than an account maintained by an FFI	The actual owner of the account or, if combined funds, the first individual on the account ¹				
3. Two or more U.S. persons (joint account maintained by an FFI)	Each holder of the account				
Custodial account of a minor (Uniform Gift to Minors Act)	The minor ²				
5. a. The usual revocable savings trust (grantor is also trustee)	The grantor-trustee ¹				
b. So-called trust account that is not a legal or valid trust under state law	The actual owner ¹				
Sole proprietorship or disregarded entity owned by an individual	The owner ³				
7. Grantor trust filing under Optional Form 1099 Filing Method 1 (see Regulations section 1.671-4(b)(2)(i) (A))	The grantor*				
For this type of account:	Give name and EIN of:				
Disregarded entity not owned by an individual	The owner				
9. A valid trust, estate, or pension trust	Legal entity ⁴				
10. Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation				
Association, club, religious, charitable, educational, or other tax- exempt organization	The organization				
12. Partnership or multi-member LLC	The partnership				
13. A broker or registered nominee	The broker or nominee				

For this type of account:	Give name and EIN of:
14. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
15. Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulations section 1.671-4(b)(2)(i)(B))	The trust

- ¹ List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.
- ² Circle the minor's name and furnish the minor's SSN.
- ³ You must show your individual name and you may also enter your business or DBA name on the "Business name/disregarded entity" name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.
- ⁴ List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see *Special rules for partnerships*, earlier.

*Note: The grantor also must provide a Form W-9 to trustee of trust.

Note: If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Secure Your Tax Records From Identity Theft

Identity theft occurs when someone uses your personal information such as your name, SSN, or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- Protect your SSN.
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS Identity Theft Hotline at 1-800-908-4490 or submit Form 14039.

For more information, see Pub. 5027, Identity Theft Information for Taxpayers.

Victims of identity theft who are experiencing economic harm or a systemic problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/TDD 1-800-829-4059.

Protect yourself from suspicious emails or phishing schemes. Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to <code>phishing@irs.gov</code>. You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration (TIGTA) at 1-800-366-4484. You can forward suspicious emails to the Federal Trade Commission at <code>spam@uce.gov</code> or report them at <code>www.ftc.gov/complaint</code>. You can contact the FTC at <code>www.ftc.gov/idtheft</code> or 877-IDTHEFT (877-438-4338). If you have been the victim of identity theft, see <code>www.ldentityTheft.gov</code> and Pub. 5027.

Visit www.irs.gov/IdentityTheft to learn more about identity theft and how to reduce your risk.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their laws. The information also may be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payers must generally withhold a percentage of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to the payer. Certain penalties may also apply for providing false or fraudulent information.

Page 6

ArmstrongFlooring[®]

SLIP-RETARDANT FLOORING

Safety Zone™ Tile

Product Information

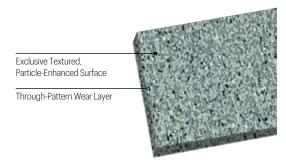
Construction - Vinyl Composition Tile

International Specifications - ASTM F1066 - Class 2 Through Pattern

Overall/Wear Layer Thickness - 1/8 in. (3.2 mm)

Factory Finish - Fast Start®

Installation - Adhesives: S-515, S-525 **Maintenance Options** - Polish



Packaging

Size	Pieces per Carton/Coverage	Shipping Weight per Carton			
12 in. x 12 in. (305 mm x 305 mm)	12 in. x 12 in. – 12 (45 sq. ft.) 4.18 m ²	63 lbs. (28.6 kg)			

Testing

ASTM F1066			
Performance	Test Method	Requirement	Performance vs. Requirement
Thickness	ASTM F386	Nominal ± 0.005 in.	Meets
Size	ASTM F2055	± 0.016 in. per linear foot	Meets
Squareness	ASTM F2055	0.010 in. maximum	Meets
Dimensional Stability	ASTM F2199	≤ 0.024 in. per linear foot max.	Meets
Chemical Resistance	ASTM F925	No more than slight change in surface dulling, attack or staining	Meets
Resistance to Heat	ASTM F1514	<u>Δ</u> E ≤ 8	Meets
Additional Testing			
Static Load Resistance	ASTM F970*	< 0.005 in.	800 psi
Static Load Resistance @ 125	ASTM F970	< 0.005 in.	Meets
Fire Test Data – Flame Spread ASTM E648		0.45 W/cm² or more Class 1	Meets
Fire Test Data – Smoke Evolution	ASTM E662	450 or less	Meets
ire Test Data – Canada CAN/ULC S-102.2		Use dependent Flame Spread - 0 Smoke	
Static Coefficient of Friction** ASTM D2047/UL 410		≥ 0.5 Meets	
ADA Standards for Accessible Design	Chapter 3 Section 302.1	Floor surfaces shall be stable, firm and slip-resistant	Meets

Maritime Usage

Marine Equipment Directive (MED) 96/98/EC	Certificate No. 164.117/1121/WCL MEDUISQA
IMO Resolution A653 (16)	
Surface Flammability Test - IMO Resolution MSC 61(67) Annex 1 Part 5 and Annex 2	Passes
Smoke and Toxicity Test - IMO Resolution MSC 61(67) Annex 1 Part 2 and Annex 2	Passes
Safety Of Life at Sea (SOLAS) 1974 Regulation	
II-2/3.40.5.3.2.4	Compliant
II-2/5.3.2.4	Compilant
II-2/6.2	
United States Coast Guard	Approval No. 164.117/1121/WCL MED015TE

ArmstrongFlooring

SLIP-RETARDANT FLOORING

Safety Zone™ Tile

Sustainability

WELL v1 Foaturo

WELL v1 Feature		Safety Zone Tile	Contribution		
Air	Feature 04 - VOC Reduction	- 	Tested and third party certified by FloorScore® as complying with CDPH v1.2		
	Feature 11 - Fundamental Material Safety	<i>-</i>	Product is free of asbestos and added lead (Part 1)		
	Feature 25 - Toxic Material Reduction	<i>-</i>	Free of flame retardants (Part 2)		
Mind	Feature 97 - Material Transparency		Readily available Health Product Declaration® (HPD) to 1000 ppm		
	Feature 88 (Part 2) Biophilia I - Qualitative	- 	Products available that incorporate nature patterns		
	Feature 99 - Beauty and Design II	<i>-</i>	Provided patterns and colors to aid in wayfinding and spatial familiarity (Part 3)		
WELL v2 Fea	ture	Safety Zone Tile	Contribution		
Air	Feature X12 - Short Term Emission Control	√	Adhesives associated with product are tested and third party certified by FloorScore as complying with CDPH v1.2		
	Feature X11 Long-Term Emission Control	✓	Flooring is tested and third party certified by FloorScore as complying with CDPH v1.3		
	Feature X01 Fundamental Material Precautions	✓	Product is free of asbestos		
Materials	Feature X10 Volatile Organic Compound	✓	Free of flame retardants (Part 2)		
	Feature X14 Material Transparency	✓	Readily available Health Product Declaration (HPD) to 1000 ppm		
Mind	Feature M02 Access to Nature	1	Products available that incorporate nature patterns		
Community	Feature C13 (Part 2) Accessibility and Universal Design	/	Provided patterns and colors to aid in wayfinding and spatial familiarity		
LEED [™] v4.1		Safety Zone Tile			
BPDO - EPD		Product Specific certi	fied by ASTM International		
BPDO - Materia	Ingredient	HPD			
BPDO - Sourcing		Recycled Content - 40% Pre-Consumer Extended Producer Responsibility - On&On™ Recycling Program			
Location of Manufacturer		USA			
Low Emitting Flooring		Tested and third party certified by FloorScore as complying with CDPH v1.2			
Low Emitting Adhesives		Tested and compliant to CDPH v1.2; Methylene Chloride and Perchloroethylene not intentionally added; FloorScore Certified			
SCAQMD #1168 Compliant.		S-515 – 0 g/L			
Adhesives meet <50 g/L requirement.		S-525 - 16 a/l	S-525 – 16 g/L		

Safety Zone Tile | Contribution

Global Warming Potential, including Biogenic Carbon Raw Materials (A1) through Production (A3)

0.33 Kg CO2 eq. / square foot (3.52 Kg CO² eq. / square meter)

Limited Warranty

5-year Commercial Warranty when installed in strict accordance with the detailed instructions.

Visit ArmstrongFlooring.com

for complete Product, Technical, Adhesives, Installation & Maintenance recommendations.

F9418-122
Printed in USA. | Armstrong and the Armstrong logo are under license from AWI Licensing LLC. | All other trademarks are owned by AFI Licensing LLC. | © 2022 AFI Licensing LLC. | FloorScore's a registered trademark of the United States Green Building Council. The Health Product Declaration® logo is a registered trademark of HPD Collaborative.













LIMITED HAZARDOUS MATERIALS ASSESSMENT

CITY OF KENAI

KENAI FIRE DEPARTMENT 105 SOUTH WILLOW

KENAI, ALASKA

Alan Robillard Capital Projects Manager

Surveyed January 26, 2022

Report Date February 14, 2022

EHS, ALASKA, INC.
ENGINEERING, HEALTH & SAFETY CONSULTANTS
11901 BUSINESS BLVD., SUITE 208
EAGLE RIVER, ALASKA 99577-7701

HAZARDOUS MATERIALS ASSESSMENT CITY OF KENAI FIRE DEPARTMENT FLOORING PROJECT

KENAI, ALASKA

TABLE OF CONTENTS

			PAGE NO.
OVE	RVIEW	N	3
A.	GEN	NERALIZED REQUIREMENTS FOR HAZARDOUS MATERIALS	3
B.	BUIL	LDING DESCRIPTION	4
C.	SAM	MPLING AND ANALYSIS	4
	1.	Asbestos-Containing Materials	
	2.	Lead-Containing Materials	5
	3.	Testing of Paints and Sealants for PCB's	5
D.	SUR	RVEY RESULTS	
	1.	Asbestos-Containing Materials	
	2.	Asbestos in Dusts	
	3. 4.	Lead-Containing Materials PCB-Containing Materials	
E.			
⊏.	1.	GULATORY CONSTRAINTSAsbestos-Containing Materials	
	2.	Dusts with Asbestos	
	3.	Lead-Containing Materials	
	4.	PCB-Containing Materials	
F.	REC	COMMENDATIONS	10
	1.	Asbestos-Containing Materials	
	2.	Dusts with Asbestos	
	3.	Lead-Containing Materials	
	4.	PCB-Containing Materials	
G.		ITATIONS	
	1. 2.	Accuracy of Information	
	2. 3.	Site Conditions	
	٥.	Onanging Regulatory Constraints	11
		APPENDICES	
Арре	endix A	A Asbestos Bulk Field Survey Data Sheets	and Lab Reports
Appe	endix B	B Drawings of S	Sample Locations

HAZARDOUS MATERIALS ASSESSMENT CITY OF KENAI FIRE DEPARTMENT FLOORING PROJECT

KENAI, ALASKA

OVERVIEW

Kenai Fire Department, located in Kenai, Alaska, was surveyed for the presence of asbestos-containing materials (ACM), and other potentially hazardous materials as a part of the flooring replacement project for the City of Kenai. Mr. Martin K. Schwan of EHS-Alaska, Inc. (EHS-Alaska) conducted the inspection in January 2022. It will be the contractor's responsibility to take this baseline data, and to conduct hazardous materials removal in compliance with all regulatory requirements.

Asbestos in joint compound of gypsum wallboard and in the original vinyl asbestos tiles and mastic were confirmed.

A. GENERALIZED REQUIREMENTS FOR HAZARDOUS MATERIALS

Potentially hazardous materials have been identified in Kenai Fire Department that will be affected by the proposed renovations. Those materials include asbestos. Not all materials were tested for potentially hazardous components, other potentially hazardous materials, including those exterior to the building, such as contamination from underground fuel tanks may be present, but are not part of this report.

Buildings or portions of buildings that were constructed prior to 1978 which are residences, or contain day care facilities, kindergarten classes or other activities frequently visited by children under 6 years of age are classified as *child occupied facilities*. All work which is NOT classified as "minor repair and maintenance activities" (as defined by the regulations), that takes place in the "*child occupied*" portions of facilities must comply with the requirements of 40 CFR 745. This building is not classified as a *child occupied facility* and therefore the requirements of 40 CFR 745 are not applicable.

Only the materials that will be directly affected by this project are required to be removed. It is the Contractor's responsibility to take this baseline data to coordinate and fully develop a hazardous materials removal design that will identify the presence, locations, and quantities of asbestos and/or other hazardous materials that will be affected by this project. The removal and disposal of potentially hazardous materials are highly regulated, and it is anticipated that removal and disposal of asbestos, lead and chemical hazards will be conducted by a subcontractor to the general contractor who is qualified for such removal. It is anticipated that the general contractor and other trades will be able to conduct their work using engineering controls and work practices to control worker exposure and to keep airborne contaminants out of occupied areas of the building.

Settled and concealed dusts in areas not subject to routine cleaning are present throughout the building, including the roof, and inside and on top of architectural, mechanical, electrical, and structural elements, and those dusts are assumed to contain regulated air contaminants. This should not be read to imply that there is an existing hazard to building occupants (normal occupants of the building as opposed to construction workers working in the affected areas). However, depending on the specific work items involved and on the means and methods employed when working in the affected areas, construction workers could be exposed to regulated air contaminants from those dusts in excess of the OSHA Permissible Exposure Limits (PELs).

The settled and concealed dusts were examined by an EPA Certified Building Inspector but were not sampled. The inspector determined that the dusts are not "asbestos debris" from an asbestos-containing building material (ACBM). Based on similar sampling from similar buildings, the inspector also determined that the dusts are unlikely to contain more than one percent (1%) asbestos by weight, and therefore are not an asbestos-containing material (ACM). Reference 40 CFR 763.83.

"Awareness training" (typically 2 hours) and possibly respiratory protection will be required for all Contractor Personnel who will be disturbing the dusts. The extent of the training and protective measures will depend upon the airborne concentrations measured during air monitoring of the contractors work force, which depends on the means and methods employed to control the dusts. The air monitoring may be discontinued following a "negative exposure assessment" showing that worker exposures are below the OSHA permissible exposure limits for the type of work and means and methods employed. Previous air monitoring from similar jobs with similar conditions may be used as historical data to establish a "negative exposure assessment."

B. BUILDING DESCRIPTION

According to the Kenai Peninsula Borough property records, the building was constructed in 1975, but the "As-built" drawings call out the completion date as 1973, and has approximately 23,398 square feet of total area. The portion of the building occupied by the Kenai Fire Department is approximately 11,500 square feet and includes office spaces, kitchen, dining, lounge, dispatch, quarters, locker room, and several apparatus bays.

The exterior walls and most of the interior hall walls are concrete masonry units (CMU). The interior side of the exterior CMU walls were finished with a vinyl covered gypsum wallboard but most of the hall walls were painted CMU.

Interior walls were finished with a vinyl covered gypsum wallboard in the majority of the areas, but some have lightly textured gypsum wallboard. The joint compound in the vinyl wall covered walls was positive for asbestos and at least one of the gypsum wallboard walls that has a slight texture (found in the former records storage room (11) but now used for the temporary contract worker).

Floor finishes were carpet on concrete in the lounge and offices, and 16"x16" vinyl floor tiles in halls, reception, dining, watch office, and in the kitchen. The original 12"x12" white with black streaks and solid white core vinyl asbestos tile (VAT) with an asbestos-containing mastic was removed by a previous project but no additional information was made available. The original VAT was present, however, in the former medical storage closet (34) adjacent to the lounge and in the locker room (24). The locker room is not included in this project. The entrance has a poured epoxy flooring which will be covered rather then removed during the flooring replacement project.

The building was heated by a hydronic heating system combined with assumed various fan coil units supplying ventilation and heating.

During the survey the wet carpet was noted in the assistant chief's office next to the fire chief's office along the exterior wall from a leaking fin-tube heater at the right end. Mold was present behind the cove base on the sheetrock and in the catch bowl used to contain some of the leaking water. It will require remediation and since it will disturb asbestos-containing joint compound, it will be required to be performed by trained workers. Wet carpet was also noted in the chief's office along the west wall to the right of the built-in post but visible mold was not noted.

C. SAMPLING AND ANALYSIS

1. Asbestos-Containing Materials

The survey included sampling of suspect ACM materials that had not been sampled in prior asbestos surveys, or samples of materials where previous sampling had been inconsistent.

The samples were analyzed for the presence of asbestos using polarized light microscopy (PLM), analysis, as recommended by EPA, to determine the composition of suspected ACMs (EPA method 600/M4-82-020). Only materials containing more than 1% total asbestos were classified as "asbestos-containing" based on EPA and OSHA criteria. Samples analyzed to have less than 10% asbestos were "point-counted" by the laboratory for more accuracy. Samples listed as having a "Trace by Point Count" had asbestos

fibers found in the material, but the fibers were not present at the counting grids. Table 1 in Part D below contains a summary list of the asbestos bulk samples and the applicable results.

The Bulk Asbestos samples were analyzed for asbestos content by International Asbestos Testing Laboratories (IATL), Mt. Laurel, New Jersey a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory.

EPA regulations under 40 CFR 763 require the use of PLM to determine whether or not a material contains asbestos. While PLM analysis does a good job for most materials, it does have some limitations. Fibers may be undetectable if their small size prevents visibility under a standard optical microscope, or if they are bound in an organic matrix to the point that the fibers are obscured. At the discretion of the building inspector and the client, some types of samples may be analyzed or re-analyzed by what is called Transmission Electron Microscopy for Non-Friable Organically Bound (TEM NOB) materials. TEM NOB is the definitive method for determining if asbestos is present, but TEM NOB use is not required by the EPA. TEM NOB analysis was not done for this project.

Field survey data sheets and laboratory reports of the bulk samples are included in Appendix A. Drawings showing sample locations are included as Appendix B.

2. Lead-Containing Materials

No testing for lead in paint was performed.

3. Testing of Paints and Sealants for PCB's

No testing of paints or sealants for PCB's was authorized for this project, and no sampling occurred.

D. SURVEY RESULTS

1. Asbestos-Containing Materials

The following Table 1A lists the samples taken in January 2022 in portions of the fire department scheduled to have the floor replaced, and the results of the laboratory analysis. Asbestos field survey data sheets and laboratory reports are included as Appendix A. Refer to Appendix B for sample locations.

TABLE 1A

SAMPLE NUMBER	MATERIAL	LOCATION	ASBESTOS CONTENT
KFD0122-A01	Light orange peel wall texture, GWB. Lab did not report GWB	Lounge 35: east wall common to Study Room 37, base of wall at right side of metal door frame behind 6" brown cove base. Photo 47 MKS	None Detected
KFD0122-A02	CB-1: 6" brown vinyl cove base with cream-colored mastic	Lounge 35: east wall common to Study Room 37, base of wall at right side of metal door frame behind 6" brown cove base. Photo 47 MKS	Both layers - None Detected
KFD0122-A03	Woven vinyl wall covering, tan mastic. Lab did not report mastic.	Lounge 35: south half of west exterior wall, under heat register and above 4" brown cove base. Photo 51 MKS	Wall covering - None Detected
KFD0122-A04	CB-1: 4" brown vinyl cove base with tan-colored mastic	Lounge 35: south half of west exterior wall, under heat register on GWB. Photo 52 MKS	Both layers - None Detected

SAMPLE NUMBER	MATERIAL	LOCATION	ASBESTOS CONTENT
KFD0122-A05	FT-1: 12x12 solid core white 1/8" thick FT with black streaks, black mastic, white leveling compound	Lounge 35: storage closet 34, left of Study 37, left side of door on concrete. Photo 53 MKS	FT – 1.6% Chrysotile Mastic - 10% Chrysotile. LC – None Detected
KFD0122-A06	Brown carpet mastic	Lounge 35: NW corner under brown, short shag carpet with ½" woven backing, on concrete. Photo 61 MKS	None Detected
KFD0122-A07	FT-2" 16x16 brown marbled floor tile, white core sandwiched between the thin face and thin gray backing, brown mastic	Lounge 35: east wall between the Lounge and the Kitchen in storage food locker 32, back right corner, on concrete. Photo 68 MKS	Both layers - None Detected
KFD0122-A08	FT-3" 16x16 beige marbled floor tile, gray core sandwiched between the thin face and thin black backing, green troweled-on contact cement	Kitchen 28: base of west exterior wall, right side of column, on concrete. Photo 73 MKS	Both layers - None Detected
KFD0122-A09	White joint compound, Gypsum wallboard (GWB), vinyl wall covering, contact cement	Lounge 35: south face, east end of wall between lounge and kitchen, behind 6" cove base, on metal nosing. Photo 82 MKS	2.5% Chrysotile – Joint Compound GWB, wall covering, cement -None Detected
KFD0122-A10	White joint compound	Kitchen 28: South end of wall between the kitchen and hall, on untextured GWB. Photo 85 MKS	None Detected
KFD0122-A11	Brown carpet mastic	Fire Marshal's Office (Old Chief's Office 25), along base of west exterior wall, right side of north column. Photo 94 MKS	None Detected
KFD0122-A12	Brown carpet mastic, off-white leveling compound	Chief's Office, along base of west exterior wall, right side of north column. Photo 101 MKS	Both layers - None Detected
KFD0122-A13	White joint compound, brown cove base mastic. Lab also identified off-white mastic	Chief's Office, left of the center of the west Vinyl covered GWB exterior wall, base of wall under open junction box. Photo 102 MKS	Joint compound – 1.3% Chrysotile brown & off-white mastic - None Detected
KFD0122-A14	White joint compound, light orange peel texture, brown cove base mastic. Lab also identified an off-white joint compound & off-white mastic	Records Storage Room 11 used as office for Contract worker: west side of door behind cove base on lightly textured GWB wall. Photo 111 MKS	White Joint Compound – 1.3% Chrysotile. Off- white Joint Compound – 1.5% Chrysotile. Texture, brown mastic, off- white mastic – None detected
KFD0122-A15	FT-2" 16x16 brown marbled floor tile, white core sandwiched between the thin face and thin gray backing, brown mastic, grayish troweled-on mastic. Lab did not identify grayish troweled-on mastic	Watch Office: Closet on west wall, near back on right side, on concrete. Photo 115 MKS	Floor Tile, tan/white mastic/leveling compound – None detected

SAMPLE NUMBER	MATERIAL	LOCATION	ASBESTOS CONTENT
KFD0122-A16	FT-3" 16x16 beige marbled floor tile, gray core sandwiched between the thin face and thin black backing, green troweled-on contact cement	Kitchen 28: South end of wall between the kitchen and hall, on concrete. Photo 126 MKS	Floor Tile & green mastic – None Detected
KFD0122-A17	FT-1: 12x12 solid core white 1/8" thick FT with black streaks, black mastic, white leveling compound. Lab did not identify leveling compound	Lounge 35: back right side of storage closet 34, on concrete. Photo 127 MKS	Floor tile – 1.4% Chrysotile. Mastic 8.4% Chrysotile.

The testing method used (polarized light microscopy [PLM]) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Before this material can be considered or treated as non-asbestos containing, confirmation should be made by quantitative transmission electron microscopy (TEM).

The following materials have been found to contain asbestos in this survey.

- 1. Joint compound in vinyl covered gypsum wallboard and lightly textured gypsum wallboard walls.
- 2. Black mastic of 12" x 12" Floor tile in the former medical storage closet (34) adjacent to the lounge (35). Note the mastic and associated floor tile is also present in locker room 24 which is not part of this flooring replacement project.
- 3. 12" x 12" Floor tile white with black streaks, solid white core located in the former medical storage closet (34) adjacent to the lounge (35) (confirmed asbestos). Note the floor tile and associated black mastic is also present in locker room 24 which is not part of this flooring replacement project.

The effects of the above asbestos-containing materials on the proposed renovation are discussed below.

Floor Tile and Mastic

Vinyl floor tiles and the associated black mastic was noted in the former medical storage closet adjacent to the lounge contain asbestos and will be disturbed by this project. The floor tiles and mastics were mostly in good condition with a few localized areas of damage. The vinyl floor tile is also present in the locker room 24 which is not included in this project.

Previous abatement of the vinyl asbestos floor tiles and the asbestos-containing mastic occurred approximately 10 years ago, and the abatement appeared to have done a good job of removing the asbestos-containing mastics from the concrete substrate. It can be difficult to remove all of the mastics from corners and other irregularities in the concrete, and workers should be diligent in looking for and removing any remnant black asbestos-containing mastics that may be concealed under replacement floor finishes.

Joint Compound

Joint compound on the original vinyl covered gypsum board walls contain asbestos and it was also positive for asbestos in the lightly textured gypsum wallboard of the former records storage room which is currently being used for a temporary contract worker. No asbestos has been detected in the gypsum board, however. Joint compound was in good condition and is not considered friable unless damaged. The vinyl coated gypsum board walls are typically without joint compound at the joints, however, these walls typically had a small strip of gypsum board with asbestos-containing joint compound used at the base of the vinyl coated wallboard. Removal and replacement of the cove base will typically involve disturbance of the asbestos-containing joint compound, which is required to be conducted by asbestos workers.

2. Asbestos in Dusts

The settled and concealed dusts were examined by an EPA Certified Building Inspector but no samples for asbestos in dusts were authorized for this project. Based on their visual inspection and experience from similar buildings, the inspector determined that the typical settled and concealed dusts are not "asbestos"

debris" from an asbestos-containing building material (ACBM). Based on similar sampling from similar buildings, the inspector also determined that the dusts are unlikely to contain more than one percent (1%) asbestos by weight, and therefore are not an asbestos-containing material (ACM).

3. Lead-Containing Materials

Lead-Testing

EHS-Alaska did not test painted surfaces for lead.

Paints

No testing of paint was performed. Lead contents found in the paints can vary from levels less than 1.0 mg/cm² of lead which are classified as lead-containing, to 1.0 mg/cm² of lead or more which is classified as lead-based paint. At least an initial exposure determination of potential worker exposures for all disturbance of lead-containing materials is required unless laboratory analysis shows that there is zero detectable lead in the materials being disturbed (which requires special analysis). However, these paints may not present a hazard to occupants or workers performing renovation or demolition if lead-safe work practices are followed.

4. PCB-Containing Materials

Bulk Products

Some older paints, sealants and other building materials may contain measurable amounts of PCB's. PCB use in paints and sealants was supposed to have been discontinued in 1979. The EPA does not require the sampling of bulk products, and no sampling of "Bulk Products" were authorized for this project.

E. REGULATORY CONSTRAINTS

1. Asbestos-Containing Materials

The Federal Occupational Safety and Health Administration (29 CFR 1926.1101) and the State of Alaska Department of Labor (8 AAC 61) have promulgated regulations requiring testing for airborne asbestos fibers; setting allowable exposure limits for workers potentially exposed to airborne asbestos fibers; establishing contamination controls, work practices, and medical surveillance; and setting worker certification and protection requirements. These regulations apply to all workplace activities involving asbestos-containing materials.

The EPA regulations, issued as Title 40 of the Code of Federal Regulations, Part 61 (40 CFR 61), Subpart M under the National Emission Standards for Hazardous Air Pollutants (NESHAP), established procedures for handling ACM during asbestos removal and waste disposal. It is recommended that clearance sampling which complies with the EPA's Asbestos Hazard Emergency Response Act (AHERA) protocol be required following removal of asbestos-containing materials to document that the asbestos has been properly removed.

The EPA regulations require an owner (or the owner's contractor) to notify the EPA of asbestos removal operations and to establish responsibility for the removal, transportation, and disposal of asbestos-containing materials.

The disposal of asbestos waste is regulated by the EPA, the Alaska Department of Environmental Conservation, and the disposal site operator. Wastes being transported to the disposal site must be sealed in leak tight containers prior to disposal and must be accompanied by disposal permits and waste manifests.

2. Dusts with Asbestos

Settled and concealed dusts above ceilings, and at other areas that are not routinely cleaned (such as inside ducts and at roofs, etc.) are assumed to have measurable concentrations of asbestos. Based on sampling of similar settled and concealed dusts at similar buildings, those dusts are assumed to contain

less than 1 percent asbestos. Normal settled and concealed dusts are distinct and treated differently from debris resulting from damaged asbestos-containing materials.

Background levels of asbestos in dusts for a particular location will depend on many factors, including whether or not asbestos occurs naturally in soils in the area.

Likely sources of asbestos in dusts include natural occurrences of asbestos

The types of asbestos found in settled and concealed dusts often contain actinolite, anthophyllite and tremolite forms of asbestos which are not commonly found in bulk samples taken of materials from buildings. Those forms of asbestos may come from natural occurrences of asbestos in an outside source, such as rock or ore deposits, which appear to be common in Alaska.

Because the type of disturbance, concentration of asbestos in the dusts, cohesiveness of the dusts and room sizes will change, the airborne asbestos levels expected during the project will depend on the contractor's means and methods of conducting the work. The mere presence of asbestos in the dusts does not necessarily imply that a "hazard" exists which would require the use of specially trained workers to "abate" the "hazard." All dusts will likely be required to be removed from the areas where asbestos-containing materials are being removed (abatement areas) in order to achieve clearances. The dusts in the other areas are to be controlled so as to limit worker exposures and prevent contamination of occupied areas of the building.

There is no established correlation between settled or adhered dusts with measurable concentrations of asbestos and airborne concentrations. The definition in the OSHA regulations of asbestos-containing materials as those materials that contain 1 percent or more asbestos by weight, apply to cohesive materials and not to dusts. The OSHA regulations are essentially "performance based," if workers are exposed above the permissible exposure limits, then all of the requirements in the regulations become effective.

3. Lead-Containing Materials

The EPA Standard 40 CFR 745, Lead-Based Paint Poisoning Prevention in Certain Residential Structures, defines lead-based paint hazards and regulates lead based paint activities in target housing and child-occupied facilities. The requirements of this regulation include training certification, pre-work notifications, work practice standards and record keeping. Areas typically classified as child occupied facilities may include but are not limited to day care facilities, preschools, kindergarten classrooms, restrooms, multipurpose rooms, cafeterias, gyms, libraries, and other areas routinely used by children under 6 years of age. Training requirements for Firms (Contractors) and Renovators (Workers) became effective on April 22, 2010. The building is not classified as a child occupied facility; therefore, the requirements of 40 CFR 745 do not apply.

Federal OSHA (29 CFR 1926.62) and the State of Alaska (8 AAC Chapter 61) have promulgated regulations that apply to all construction work where employees may be exposed to lead. The disturbance of any surfaces painted with lead-containing paint requires lead-trained personnel, personnel protective procedures, and air monitoring until exposure levels can be determined. If initial monitoring verifies that the work practices being used are not exposing workers, monitoring and protection procedures may be relaxed. Experience has shown that some paints in most buildings will contain low concentrations of lead and disturbance of those paints are still regulated under the OSHA lead standard, 29 CFR 1926.62. Low levels of lead found by XRF testing does not mean that the paints are free of lead, the paints may contain lead, and OSHA regulations apply anytime measurable amounts of lead are present in paints.

Settled and concealed dust above ceilings, and at other areas that are not routinely cleaned are assumed to have measurable concentrations of lead. Background levels of lead in dusts for a particular location will depend on many factors, including whether or not engines utilizing leaded gasoline were run in or near a building, and upon the age of the building, and thus the age of the dusts. Because the type of disturbance, quantity of lead dusts, cohesiveness of the dusts and room sizes will change, the airborne lead levels expected during the project will depend on the contractor's means and methods of conducting the work.

The mere presence of lead in the dusts does not necessarily imply that a "hazard" exists which would require the use of specially trained workers to "abate" the "hazard."

There is no established correlation between settled or adhered lead dust concentrations and airborne concentrations. The OSHA regulations are essentially "performance based," if workers are exposed above the permissible exposure limits, then all of the requirements in the regulations become effective.

The EPA requires that actual construction or demolition debris that contains lead or lead-containing paint or other heavy metals be tested using the TCLP test to determine if the waste must be treated as hazardous waste. All federal, state, and local standards regulating lead and lead-containing wastes are required to be followed during the renovation or demolition of portions of this building.

If the TCLP tests done on the waste stream(s) that are produced by the contractor are found to be classified as hazardous wastes, then those waste stream(s) will have to be packaged for shipping and disposal in accordance with hazardous waste and transportation regulations. Because there are no hazardous waste landfills in Alaska, this report assumes that any hazardous waste disposal will take place in Seattle or elsewhere in the Pacific Northwest.

4. PCB-Containing Materials

Testing for PCBs was not included in the scope of this project. If any PCB-containing materials are disturbed, All federal, state, and local standards regulating PCBs and PCB waste must be followed.

F. RECOMMENDATIONS

1. Asbestos-Containing Materials

The asbestos-containing materials identified in the building are typically in intact condition and are classified as non-friable ACM. All asbestos-containing materials that will be disturbed by the planned flooring replacement project are required to be removed by trained asbestos workers.

2. Dusts with Asbestos

Dusts with measurable concentrations of asbestos are assumed to be present, but are not classified as asbestos-containing materials, or as debris from asbestos-containing materials. Workers disturbing dusts are required to have hazard communication training in accordance with OSHA regulations but are not required to receive 40 hours of training, which is required for asbestos workers. The contractor will need to choose means and methods to control worker exposures to airborne contaminants. At least an initial exposure assessment or data from previous air monitoring is needed to show that worker exposures are maintained below the OSHA permissible exposure limits (PELs).

3. Lead-Containing Materials

No testing of paints was performed.

4. PCB-Containing Materials

No inspection for PCB-containing fluorescent light ballast was performed and no sampling of PCBs I paints, or caulks was included in the survey.

G. LIMITATIONS

The conclusions and recommendations contained in this report are based upon professional opinions with regard to the subject matter. These opinions have been arrived at in accordance with currently accepted environmental consulting and engineering standards and practices and are subject to the following inherent limitations:

1. Accuracy of Information

The laboratory reports utilized in this assessment were provided by the accredited laboratories cited in this report. Although the conclusions, opinions, and recommendations are based in part, on such information, our services did not include the verification of accuracy or authenticity of such reports. Should such information provided be found to be inaccurate or unreliable, EHS-Alaska, Inc. reserves the right to amend or revise its conclusions, opinions, and/or recommendations.

2. Site Conditions

This limited survey did not include investigation of the entire site and may not be valid outside the survey area. The intent of this survey was to identify asbestos-containing building materials that may be disturbed during the flooring replacement project. This survey is not intended to be utilized as the sole design document for abatement. This survey was conducted while the site was occupied. All inspections were performed with furniture, equipment and/or stored items in place. The scope of work for this survey did not include identification of all potentially hazardous materials that may be present at this site and was limited to the scope of work agreed upon with our client. Although a concerted effort was made to identify those common hazardous materials likely to be affected by this project, some hazardous materials may have been hidden by furniture, equipment or stored items and may not have been identified. The survey investigated representative materials and items, such as lights and mechanical components. Variations may occur between materials and items that appear to be the same but are actually of different construction or materials. Other asbestos-containing or potentially hazardous materials may be present in the facilities that were concealed by structural members, walls, ceilings, or floor coverings, or in materials where testing was not conducted.

3. Changing Regulatory Constraints

The regulations concerning hazardous materials are constantly changing, including the interpretations of the regulations by the local and national regulating agencies. Should the regulations or their interpretation be changed from our current understanding, EHS-Alaska, Inc. reserves the right to amend or revise its conclusions, opinions, and/or recommendations.

APPENDIX A

Asbestos Bulk Sample Field Survey Data Sheets and Laboratory Reports

RECEIVED

FEB 07 2022



EHS-Alaska, Inc.

11901 Business Blvd., Suite 208, Eagle River, AK 99577 (907) 694-1383 • (907) 694-1382 fax

e-mail • ehsak@ehs-alaska.com

PROJECT NO:	PROJECT NAME:	FA					COLLECTION DATE:		
7899-01	Kenai FD Flooring Replacement	K	Kenai Fire Department			01/26/22			
CHAIN OF CUSTODY RECORD									
ANALYSIS REQUESTED:		M BULK AD PPM	TYPE: ASBESTOS LEAD	TURNAROUND: 2 DAYS	NORMA		QUANTITY 17		
Martin Schwan PRINTED NAME 20110842/TPP8-117-12513 CERT# / AHERA# Fed-Ex Shipping Method 7758 9/94 5004 COURIER (signature) DATE/TIME 1/27/32 (045) Amalysts Signature DATE/TIME 1/27/32 (045) Amal									
FIELD SURVEY DATA									
EHS SAMPLE NO. LAB ID NO	SAMPLE DESCRIPTION, (COLOR, MATERIAL TYPE, LAYERS, FRIABILITY)		LOCATION/COMMENTS (INCLUDING PHOTO/XREF)			RESULTS FOR EHS-ALASKA USE ONLY			
KFD0122-A01 7352272	Light orange peel wall texture, GWB, ist admit uport 600B	ba	Lounge 35: east wall common to Study Room 37, base of wall at right side of metal door frame behind 6" brown cove base. Photo 47 MKS			Texture- NONE Delected			
KFD0122-A02 735227 3	CB-1: 6" brown vinyl cove base with cream- colored mastic	ba	Lounge 35: east wall common to Study Room 37, base of wall at right side of metal door frame behind 6" brown cove base. Photo 47 MKS			Both	h layes		
KFD0122-A03	Woven vinyl wall covering, tan mastic · Lab and Myest mustice	Lounge 35: south half of west exterior wall, under heat register and above 4" brown cove base. Photo 51 MKS			Wall covers - None retected				
KFD0122-A04	CB-1: 4" brown vinyl cove base with tan-color mastic		Lounge 35: south half of west exterior wall, under heat register on GWB. Photo 52 MKS			Both layers none detected			
KFD0122-A05	FT-1: 12x12 solid core white 1/8" thick FT wit black streaks, black mastic, white leveling compound		Lounge 35: storage closet 34, left of Study 37, left side of door on concrete. Photo 53 MKS			FT-1.	670 Chrysol Tio 70 The No		
KFD0122-A06	Brown carpet mastic	cai	Lounge 35: NW corner under brown, short shag carpet with ¼" woven backing, on concrete. Photo 61 MKS			None	ted		
KFD0122-A07	FT-2" 16x16 brown marbled floor tile, white cosandwiched between the thin face and thin gray backing, brown mastic, grayish troweled-on mastic, left did not up the grayish mustu	/ Ki	Lounge 35: east wall between the Lounge and the Kitchen in storage food locker 32, back right corner, on concrete. Photo 68 MKS			ET + Non	Brown Mas re Delection		
KFD0122-A08 7352279	FT-3" 16x16 beige marbled floor tile, gray cord sandwiched between the thin face and thin blacking green troweled-on contact cement	e Ki	Kitchen 28: base of west exterior wall, right side of column, on concrete. Photo 73 MKS			Bul	to layer		



EHS-Alaska, Inc.
11901 Business Blvd., Suite 208, Eagle River, AK 99577
(907) 694-1383 • (907) 694-1382 fax
e-mail • ehsak@ehs-alaska.com

PROJECT NO:	PROJECT NAME:	FACILITY:	COLLECTION		
7899-01	Kenai FD Flooring Replacement	Kenai Fire Department	DATE: 01/26/22		
	FIELD SUR				
EHS SAMPLE NO. LAB ID NO	SAMPLE DESCRIPTION, (COLOR, MATERIAL TYPE, LAYERS, FRIABILITY)	LOCATION/COMMENTS (INCLUDING PHOTO/XREF)	RESULTS FOR EHS-ALASKA USE ONLY		
KFD0122-A09	White joint compound, Gypsum wallboard (GWB), vinyl wall covering, contact cement	Lounge 35: south face, east end of wall between lounge and kitchen, behind 6" cove base, on metal nosing. Photo 82 MKS	Sent Conford - 2.592 Chappetel Gib ballons : Conside - Son peles		
7352231	White joint compound	Kitchen 28: South end of wall between the kitchen and hall, on untextured GWB. Photo 85 MKS	None		
KFD0122-A11 7350002	Brown carpet mastic	Fire Marshal's Office (Old Chief's Office 25), along base of west exterior wall, right side of north column. Photo 94 MKS	Abne Detected		
KFD0122-A12	Brown carpet mastic, off-white leveling compound	Chief's Office, along base of west exterior wall, right side of north column. Photo 101 MKS	Beltr layers - Mare Delected		
KFD0122-A13 7350004	White joint compound, brown cove base mastic lib also wated off-white whether	Chief's Office, left of the center of the west Vinyl covered GWB exterior wall, base of wall under open junction box. Photo 102 MKS	best amound 1,380 chryphic Bothmister ND		
KFD0122-A14	White joint compound, light orange peel texture, brown cove base mastic in also chentified off- white Marke	Records Storage Room 11 used as office for Contract worker: west side of door behind cove base on lightly textured GWB wall. Photo 111 MKS	Whole + of who Je = 1.3 + 1.5 % chyples . Textu + both mater a No		
KFD0122-A15 7352236	FT-2" 16x16 brown marbled floor tile, white core sandwiched between the thin face and thin gray backing, brown mastic, grayish troweled-on mastic of the last we well they grayish must	Watch Office: Closet on west wall, near back on right side, on concrete. Photo 115 MKS	FT+Brown		
KFD0122-A16 7352227	FT-3" 16x16 beige marbled floor tile, gray core sandwiched between the thin face and thin black backing, green troweled-on contact cement	Kitchen 28: South end of wall between the kitchen and hall, on concrete. Photo 126 MKS	None Detection Buth layer - None Detection		
7352238	FT-1: 12x12 solid core white 1/8" thick FT with black streaks, black mastic, white leveling compound hab hel not full white LC	Lounge 35: back right side of storage closet 34, on concrete. Photo 127 MKS	CT-1.4% Chrysolic Might 8.4%		
END	END	END			
		r .			



Percent Asbestos:

9000 Commerce Parkway Suite B Mt. Laurel, New Jersey 08054 Telephone: 856-231-9449

Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated Report Date: 1/31/2022

11901 Business Blvd., Ste 208 Report No.: 651633 - PLM

Eagle River AK 99577 Project: Kenai FD Flooring Replacement

> Project No.: 7899-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7352272 **Analyst Observation:** White Texture Location: Lounge 35: East Wall Common

Client Description: Light Orange Peel Wall Texture, GWB To Study Room 37, Base Of Wall At Right Client No.: KFD0122-A01

Side Of Metal Door Frame Behind

Side Of Metal Door Frame Behind

Side Of Metal Door Frame Behind

Location: Lounge 35: East Wall Common

Facility: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material:

None Detected None Detected

Analyst Observation: Brown Cove Base **Lab No.:** 7352273 **Location:** Lounge 35: East Wall Common Client Description: CB-1: 6" Brown Vinyl Cove Base With To Study Room 37, Base Of Wall At Right Client No.: KFD0122-A02

Cream-Colored Mastic

Facility: Percent Non-Fibrous Material:

Percent Asbestos: Percent Non-Asbestos Fibrous Material: 100

None Detected None Detected

Lab No.: 7352273(L2) **Analyst Observation:** Off-White Mastic

Cream-Colored Mastic

Client No.: KFD0122-A02 Client Description: CB-1: 6" Brown Vinyl Cove Base With To Study Room 37, Base Of Wall At Right

Percent Asbestos: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material: None Detected

None Detected

Lab No.: 7352274 **Analyst Observation:** Tan Wall Cover **Location:** Lounge 35: South Half Of West

Client No.: KFD0122-A03 Client Description: Woven Vinyl Wall Covering, Tan Mastic Exterior Wall, Under Heat Register And Above 4" Brown Cove Base. Photo

Facility:

Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material: Percent Asbestos:

35 Cellulose None Detected

Note: Insufficient mastic provided for analysis.

Lab No.: 7352275 **Analyst Observation:** Brown Cove Base

Client No.: KFD0122-A04

Tan-Colored Mastic

Client Description: CB-1: 4" Brown Vinyl Cove Base With Exterior Wall, Under Heat Register On

GWB. Photo 52 MKS

Location: Lounge 35: South Half Of West

Facility:

Facility:

Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material:

None Detected None Detected 100

Please refer to the Appendix of this report for further information regarding your analysis.

1/28/2022 Date Received:

Percent Asbestos:

01/31/2022 Date Analyzed:

Dated: 2/1/2022 2:36:42

Signature: Analyst:

Rebecca Hargrove

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 11



9000 Commerce Parkway Suite B Mt. Laurel, New Jersey 08054 Telephone: 856-231-9449

Email: customerservice@iatl.com

Location: Lounge 35: South Half Of West

Exterior Wall, Under Heat Register On

GWB. Photo 52 MKS

Concrete. Photo 53 MKS

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated Report Date: 1/31/2022

11901 Business Blvd., Ste 208 Report No.: 651633 - PLM

Eagle River AK 99577 Project: Kenai FD Flooring Replacement

> Project No.: 7899-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Analyst Observation: Tan Mastic **Lab No.:** 7352275(L2)

Client Description: CB-1: 4" Brown Vinyl Cove Base With Client No.: KFD0122-A04

Tan-Colored Mastic

Facility: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material:

Percent Asbestos:

None Detected None Detected 100

Analyst Observation: White Floor Tile **Lab No.:** 7352276

Location: Lounge 35: Storage Closet 34, Client Description: FT-1: 12x12 Solid Core White 1/8" Thick Left Of Study 37, Left Side Of Door On Client No.: KFD0122-A05

> FT With Black Streaks, Black Mastic, White Leveling Concrete. Photo 53 MKS

Facility: Compound

Percent Asbestos: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material:

None Detected 98.4 **PC 1.6** Chrysotile

Lab No.: 7352276(L2) **Analyst Observation:** Black Mastic

Location: Lounge 35: Storage Closet 34, Client No.: KFD0122-A05 **Client Description:** FT-1: 12x12 Solid Core White 1/8" Thick Left Of Study 37, Left Side Of Door On

FT With Black Streaks, Black Mastic, White Leveling

Facility:

Percent Asbestos: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material:

None Detected 10 Chrysotile

Lab No.: 7352276(L3) Analyst Observation: White Leveling Compound Location: Lounge 35: Storage Closet 34, Client No.: KFD0122-A05 **Client Description:** FT-1: 12x12 Solid Core White 1/8" Thick Left Of Study 37, Left Side Of Door On

FT With Black Streaks, Black Mastic, White Leveling Concrete. Photo 53 MKS

Compound

Percent Non-Asbestos Fibrous Material: Percent Asbestos:

Percent Non-Fibrous Material:

None Detected 3 Talc

Analyst Observation: Tan Mastic Location: Lounge 35: NW Corner Under **Lab No.:** 7352277 Client No.: KFD0122-A06 Client Description: Brown Carpet Mastic Brown, Short Shag Carpet With 1/4" Woven

Backing, On Concrete. .Photo 61

Facility:

Facility:

Percent Asbestos: Percent Non-Fibrous Material: Percent Non-Asbestos Fibrous Material:

None Detected 100 None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

1/28/2022 Date Received:

01/31/2022 Date Analyzed:

Dated: 2/1/2022 2:36:42

Signature: Rebecca Hargrove Analyst:

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 2 of 11



9000 Commerce Parkway Suite B Mt. Laurel, New Jersey 08054 Telephone: 856-231-9449

Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated Report Date: 1/31/2022

11901 Business Blvd., Ste 208 Report No.: 651633 - PLM

Eagle River AK 99577 Project: Kenai FD Flooring Replacement

Project No.: 7899-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7352278 **Analyst Observation:** Brown/Grey Floor Tile

Client No.: KFD0122-A07 Client Description: FT-2" 16x16 Brown Marbled Floor Tile,

White Core Sandwiched Between The Thin Face And Thin

Grav Back

Percent Asbestos: Percent Non-Asbestos Fibrous Material:

None Detected None Detected

Lab No.: 7352278(L2) **Analyst Observation:** Tan Mastic

Client No.: KFD0122-A07 **Client Description:** FT-2" 16x16 Brown Marbled Floor Tile,

White Core Sandwiched Between The Thin Face And Thin

Gray Back

Percent Asbestos: Percent Non-Asbestos Fibrous Material:

None Detected None Detected

Lab No.: 7352279 **Analyst Observation:** Beige/Black Floor Tile

Client No.: KFD0122-A08 **Client Description:** FT-3" 16x16 Beige Marbled Floor Tile,

Gray Core Sandwiched Between The Thin Face And Thin

Black Back

Percent Asbestos: Percent Non-Asbestos Fibrous Material:

None Detected None Detected

Lab No.: 7352279(L2) **Analyst Observation:** Green Mastic

Client No.: KFD0122-A08 Client Description: FT-3" 16x16 Beige Marbled Floor Tile,

Gray Core Sandwiched Between The Thin Face And Thin

Black Back

<u>Percent Asbestos:</u> <u>Percent Non-Asbestos Fibrous Material:</u>

None Detected None Detected

Lab No.: 7352280 Analyst Observation: White Drywall

Client No.: KFD0122-A09 Client Description: White Joint Compound, Gypsum

Wallboard (GWB), Vinyl Wall Covering, Contact Cement

Percent Asbestos: Percent Non-Asbestos Fibrous Material:

None Detected 2 Fibrous Glass

Location: Lounge 35: East Wall Between The Lounge And The Kitchen In Storage Food Locker 32, Back Right Corner

Facility:

Percent Non-Fibrous Material:

100

Location: Lounge 35: East Wall Between The Lounge And The Kitchen In Storage

Food Locker 32, Back Right Corner

Facility:

Percent Non-Fibrous Material:

100

Location: Kitchen 28: Base Of West

Exterior Wall, Right Side Of Column, On

Concrete. Photo 73 MKS

Facility:

Percent Non-Fibrous Material:

100

Location: Kitchen 28: Base Of West

Exterior Wall, Right Side Of Column, On

Concrete. Photo 73 MKS

Facility:

Percent Non-Fibrous Material:

100

Location: Lounge 35: South Face, East End Of Wall Between Lounge And Kitchen,

Behind 6" Cove Base, On Metal No

Facility:

Percent Non-Fibrous Material:

98

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/2

Signature:

1/28/2022

Date Analyzed: 01/31/2022

0 - 6 -

Analyst: Rebecca Hargrove

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Laboratory Director

Dated: 2/1/2022 2:36:42 Page 3 of 11



9000 Commerce Parkway Suite B Mt. Laurel, New Jersey 08054 Telephone: 856-231-9449

Email: customerservice@iatl.com

Location: Lounge 35: South Face, East End

Location: Lounge 35: South Face, East End

Of Wall Between Lounge And Kitchen,

Behind 6" Cove Base, On Metal No

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated Report Date: 1/31/2022

11901 Business Blvd., Ste 208 Report No.: 651633 - PLM

Eagle River AK 99577 Project: Kenai FD Flooring Replacement

> Project No.: 7899-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Analyst Observation: White Joint Compound **Lab No.:** 7352280(L2)

Client Description: White Joint Compound, Gypsum Of Wall Between Lounge And Kitchen, Client No.: KFD0122-A09

Wallboard (GWB), Vinyl Wall Covering, Contact Cement Behind 6" Cove Base, On Metal No

Facility: Percent Asbestos: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material:

97.5

None Detected PC 2.5 Chrysotile

Analyst Observation: Clear Mastic **Lab No.:** 7352280(L3)

Location: Lounge 35: South Face, East End Client No.: KFD0122-A09 Client Description: White Joint Compound, Gypsum Of Wall Between Lounge And Kitchen,

Wallboard (GWB), Vinyl Wall Covering, Contact Cement Behind 6" Cove Base, On Metal No

Facility: Percent Asbestos: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material:

Cellulose None Detected

Lab No.: 7352280(L4) Analyst Observation: Tan/Off-White Wall Cover Client No.: KFD0122-A09 Client Description: White Joint Compound, Gypsum

Wallboard (GWB), Vinyl Wall Covering, Contact Cement

Facility: Percent Asbestos: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material:

35 Cellulose None Detected

Lab No.: 7352281 **Analyst Observation:** White Joint Compound Location: Kitchen 28: South End Of Wall

Client No.: KFD0122-A10 **Client Description:** White Joint Compound Between The Kitchen And Hall, On

Untextured GWB. Photo 85 MKS

100

Facility:

Percent Asbestos: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material: None Detected

None Detected

Analyst Observation: Tan Mastic Location: Fire Marshal's Office (Old Chief's **Lab No.:** 7352282 Client No.: KFD0122-A11

Client Description: Brown Carpet Mastic Office 25), Along Base Of West Exterior

Wall, Right Side Of North

Facility:

Percent Asbestos: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material:

None Detected 100 None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

1/28/2022 Date Received:

01/31/2022 Date Analyzed:

Dated: 2/1/2022 2:36:42

Signature:

Rebecca Hargrove

Analyst:

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 4 of 11



9000 Commerce Parkway Suite B Mt. Laurel, New Jersey 08054 Telephone: 856-231-9449

Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated Report Date: 1/31/2022

11901 Business Blvd., Ste 208 Report No.: 651633 - PLM

Eagle River AK 99577 Project: Kenai FD Flooring Replacement

> Project No.: 7899-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Analyst Observation: Tan Mastic Location: Chief's Office, Along Base Of **Lab No.:** 7352283

Client Description: Brown Carpet Mastic, Off-White West Exterior Wall, Right Side Of North Client No.: KFD0122-A12

> Column. Photo 101 MKS Leveling Compound

Facility: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material: Percent Asbestos:

None Detected 100 None Detected

Lab No.: 7352283(L2) Analyst Observation: White Leveling Compound Location: Chief's Office, Along Base Of Client No.: KFD0122-A12 Client Description: Brown Carpet Mastic, Off-White West Exterior Wall, Right Side Of North

> Leveling Compound Column. Photo 101 MKS **Facility:**

Percent Asbestos: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material:

None Detected 100 None Detected

Lab No.: 7352284 **Analyst Observation:** White Joint Compound **Location:** Chief's Office, Left Of The Client No.: KFD0122-A13 Client Description: White Joint Compound, Brown Cove Center Of The West Vinyl Covered GWB

Base Mastic Exterior Wall, Base Of Wall Under O

Facility:

Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material: Percent Asbestos:

None Detected 98.7 **PC 1.3** Chrysotile

Lab No.: 7352284(L2) Analyst Observation: Tan Mastic Location: Chief's Office, Left Of The

Client No.: KFD0122-A13 Client Description: White Joint Compound, Brown Cove Center Of The West Vinyl Covered GWB Base Mastic Exterior Wall, Base Of Wall Under O

Facility: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material: Percent Asbestos:

None Detected None Detected

Lab No.: 7352284(L3) Analyst Observation: Off-White Mastic Location: Chief's Office, Left Of The

Client No.: KFD0122-A13 Client Description: White Joint Compound, Brown Cove Center Of The West Vinyl Covered GWB

Exterior Wall, Base Of Wall Under O Base Mastic

Facility:

Percent Asbestos: Percent Non-Asbestos Fibrous Material: Percent Non-Fibrous Material:

100 None Detected None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

01/31/2022 Date Analyzed:

Date Received:

1/28/2022

Signature: Rebecca Hargrove Analyst:

Dated: 2/1/2022 2:36:42 Page 5 of 11 Approved By:

Frank E. Ehrenfeld, III Laboratory Director



9000 Commerce Parkway Suite B Mt. Laurel, New Jersey 08054 Telephone: 856-231-9449

Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated Report Date: 1/31/2022

11901 Business Blvd., Ste 208 Report No.: 651633 - PLM

Eagle River AK 99577 Project: Kenai FD Flooring Replacement

> Project No.: 7899-01

> > 98.7

Facility:

Facility:

Facility:

100

98.5

PLM BULK SAMPLE ANALYSIS SUMMARY

Analyst Observation: White Joint Compound **Lab No.:** 7352285

Client Description: White Joint Compound, Light Orange Client No.: KFD0122-A14

Peel Texture, Brown Cove Base Mastic

Of Door Behind Cove Base On Li **Facility:**

Percent Non-Asbestos Fibrous Material: Percent Asbestos:

None Detected PC 1.3 Chrysotile

Lab No.: 7352285(L2) Analyst Observation: Off-White Joint Compound

Client No.: KFD0122-A14 Client Description: White Joint Compound, Light Orange

Peel Texture, Brown Cove Base Mastic

Percent Asbestos: Percent Non-Asbestos Fibrous Material:

None Detected **PC 1.5** Chrysotile

Analyst Observation: Brown/Grey Texture **Lab No.:** 7352285(L3)

Client No.: KFD0122-A14 Client Description: White Joint Compound, Light Orange

Peel Texture, Brown Cove Base Mastic

Percent Asbestos: Percent Non-Asbestos Fibrous Material:

None Detected None Detected

Lab No.: 7352285(L4) Analyst Observation: Tan Mastic

Client No.: KFD0122-A14 Client Description: White Joint Compound, Light Orange

Peel Texture, Brown Cove Base Mastic

Percent Asbestos: Percent Non-Asbestos Fibrous Material:

None Detected None Detected

Lab No.: 7352285(L5) Analyst Observation: Off-White Mastic

Client Description: White Joint Compound, Light Orange Client No.: KFD0122-A14

Peel Texture, Brown Cove Base Mastic

Percent Asbestos: Percent Non-Asbestos Fibrous Material:

None Detected None Detected

Location: Records Storage Room 11 Used As Office For Contract Worker: West Side

Location: Records Storage Room 11 Used

As Office For Contract Worker: West Side

Location: Records Storage Room 11 Used

As Office For Contract Worker: West Side

Location: Records Storage Room 11 Used

As Office For Contract Worker: West Side

Location: Records Storage Room 11 Used

As Office For Contract Worker: West Side

Percent Non-Fibrous Material:

Of Door Behind Cove Base On Li

Of Door Behind Cove Base On Li

Of Door Behind Cove Base On Li

Percent Non-Fibrous Material:

Percent Non-Fibrous Material:

Percent Non-Fibrous Material:

Of Door Behind Cove Base On Li

Facility:

Percent Non-Fibrous Material:

100

Please refer to the Appendix of this report for further information regarding your analysis.

1/28/2022 Date Received:

Dated: 2/1/2022 2:36:43

01/31/2022 Date Analyzed:

Signature:

Rebecca Hargrove Analyst:

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 6 of 11



9000 Commerce Parkway Suite B Mt. Laurel, New Jersey 08054 Telephone: 856-231-9449

Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated Report Date: 1/31/2022

11901 Business Blvd., Ste 208 Report No.: 651633 - PLM

Eagle River AK 99577 Project: Kenai FD Flooring Replacement

> Project No.: 7899-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Analyst Observation: Brown/Grev Floor Tile **Lab No.:** 7352286

Client Description: FT-2" 16x16 Brown Marbled Floor Tile, Client No.: KFD0122-A15

White Core Sandwiched Between The Thin Face And Thin

Gray Back

Percent Asbestos: Percent Non-Asbestos Fibrous Material:

None Detected None Detected

Note: Insufficient mastic provided for analysis.

Client: EHS511

Lab No.: 7352286(L2) Analyst Observation: Tan/White Mastic/Leveling Compound Location: Watch Office: Closet On West

Client Description: FT-2" 16x16 Brown Marbled Floor Tile, Client No.: KFD0122-A15

White Core Sandwiched Between The Thin Face And Thin

Grav Back

Percent Asbestos: Percent Non-Asbestos Fibrous Material:

None Detected None Detected

Analyst Observation: Beige/Black Floor Tile **Lab No.:** 7352287

Client No.: KFD0122-A16 Client Description: FT-3" 16x16 Beige Marbled Floor Tile.

Gray Core Sandwiched Between The Thin Face And Thin

Black Back

Percent Non-Asbestos Fibrous Material: Percent Asbestos:

None Detected None Detected

Lab No.: 7352287(L2) Analyst Observation: Green Mastic

Client No.: KFD0122-A16 Client Description: FT-3" 16x16 Beige Marbled Floor Tile,

Gray Core Sandwiched Between The Thin Face And Thin

Black Back

Percent Asbestos: Percent Non-Asbestos Fibrous Material:

None Detected None Detected

Lab No.: 7352288 Analyst Observation: White/Grey Floor Tile

Client No.: KFD0122-A17 Client Description: FT-1: 12x12 Solid Core White 1/8" Thick

FT With Black Streaks, Black Mastic, White Leveling

Compound

Percent Asbestos: Percent Non-Asbestos Fibrous Material:

PC 1.4 Chrysotile None Detected **Location:** Watch Office: Closet On West Wall, Near Back On Right Side, On

Concrete. Photo 115 MKS

Facility:

Percent Non-Fibrous Material:

100

Wall, Near Back On Right Side, On

Concrete. Photo 115 MKS

Facility:

Percent Non-Fibrous Material:

100

Location: Kitchen 28: South End Of Wall Between The Kitchen And Hall. On

Concrete. Photo 126 MKS

Facility:

Percent Non-Fibrous Material:

100

Location: Kitchen 28: South End Of Wall

Between The Kitchen And Hall, On

Concrete. Photo 126 MKS

Facility:

Percent Non-Fibrous Material:

Location: Lounge 35: Back Right Side Of Storage Closet 34, On Concrete. Photo 127

MKS

Facility:

Percent Non-Fibrous Material:

98.6

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received:

Dated: 2/1/2022 2:36:43

1/28/2022

Date Analyzed:

01/31/2022

Signature:

Rebecca Hargrove

Analyst:

Approved By:

Frank E. Ehrenfeld, III

Laboratory Director



Client:

EHS511

9000 Commerce Parkway Suite B Mt. Laurel, New Jersey 08054 Telephone: 856-231-9449

Email: customerservice@iatl.com

Location: Lounge 35: Back Right Side Of

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated Report Date: 1/31/2022

11901 Business Blvd., Ste 208 Report No.: 651633 - PLM

Eagle River AK 99577 Project: Kenai FD Flooring Replacement

Project No.: 7899-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 7352288(L2) Analyst Observation: Black Mastic

Client No.: KFD0122-A17 Client Description: FT-1: 12x12 Solid Core White 1/8" Thick Storage Closet 34, On Concrete. Photo 127

FT With Black Streaks, Black Mastic, White Leveling MKS

Compound Facility:

Percent Asbestos:Percent Non-Asbestos Fibrous Material:Percent Non-Fibrous Material:PC 8.4 ChrysotileNone Detected91.6

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/28/2022

Dated: 2/1/2022 2:36:43

Date Analyzed: 01/31/2022

Signature:

Analyst: Rebecca Hargrove

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Frank Tuan

Page 8 of 11



9000 Commerce Parkway Suite B Mt. Laurel, New Jersey 08054 Telephone: 856-231-9449

Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated Report Date: 1/31/2022

11901 Business Blvd., Ste 208 Report No.: 651633 - PLM

Eagle River AK 99577 Project: Kenai FD Flooring Replacement

Project No.: 7899-01

Client: EHS511

Appendix to Analytical Report

Customer Contact: Cali Swatlowski

Method: 40 CFR Appendix E to Subpart E of Part 763, interim method for the Determination of Asbestos in Bulk Insulation Samples, USEPA 600, R93-116 and NYSDOH ELAP 198.1 as needed.

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com iATL Office Manager:wchampion@iatl.com iATL Account Representative: Semih Kocahasan Sample Login Notes: See Batch Sheet Attached Sample Matrix: Bulk Building Materials Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and ir our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by US EPA 600 93-116: Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).

Certifications:

- NIST-NVLAP No. 101165-0
- NYSDOH-ELAP No. 11021
- AIHA-LAP, LLC No. 100188

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. PC Trace represents a <0.25% amount. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analytical Methodology Alternatives: Your initial request for analysis may not have accounted for recent advances in regulatory requirements or advances in technology that are routinely used in similar situations for other qualified projects. You may have the option to explore additional analysis for further information. Below are a few options, listed as the matrix followed by the appropriate methodology. Also included are links to more information on our website.

Bulk Building Materials that are Non-Friable Organically Bound (NOB) by Gravimetric Reduction techniques employing PLM and TEM: ELAP 198.6 (PLM-NOB), ELAP 198.4 (TEM-NOB) See additional information at the end of this appendix.

Dated: 2/1/2022 2:36:43 Page 9 of 11



9000 Commerce Parkway Suite B Mt. Laurel, New Jersey 08054 Telephone: 856-231-9449

Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated Report Date: 1/31/2022

11901 Business Blvd., Ste 208 Report No.: 651633 - PLM

Eagle River AK 99577 Project: Kenai FD Flooring Replacement

Project No.: 7899-01

Client: EHS511

Loose Fill Vermiculite Insulation, Attic Insulation, Zonolite (copyright), etc.: US EPA 600 R-4/004 (multi-tiered analytical process) Sprayed On Insulation/Fireproofing with Vermiculite (SOF-V): ELAP 198.8 (PLM-SOF-V)

Soil, sludge, sediment, aggregate, and like materials analyzed for asbestos or other elongated mineral particles (ex. erionite, etc.): ASTM D7521, CARB 435, and other options available

Asbestos in Surface Dust according to one of ASTM's Methods (very dependent on sampling collection technique - by TEM): ASTM D 5755, D5756, or D6480

Various other asbestos matrices (air, water, etc.) and analytical methods are available.

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a list with highlighted disclaimers that may be pertinent to this project. For a full explanation of these and other disclaimers, please inquire at **customerservice@iatl.com**.

- 1) Note: No mastic provided for analysis.
- 2) Note: Insufficient mastic provided for analysis.
- 3) Note: Insufficient material provided for analysis.
- 4) Note: Insufficient sample provided for QC reanalysis.
- 5) Note: Different material than indicated on Sample Log / Description.
- 6) Note: Sample not submitted.
- 7) Note: Attached to asbestos containing material.
- 8) Note: Received wet.
- 9) Note: Possible surface contamination.
- 10) Note: Not building material. 1% threshold may not apply.
- 11) Note: Recommend TEM-NOB analysis as per EPA recommendations.
- 12) Note: Asbestos detected but not quantifiable.
- 13) Note: Multiple identical samples submitted, only one analyzed.
- 14) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.080%.
- 15) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.125%.
- 16) Note: This sample contains >10% vermiculite mineral. See Appendix for Recommendations for Vermiculite Analysis.

Recommendations for Vermiculite Analysis:

Several analytical protocols exist for the analysis of asbestos in vermiculite. These analytical approaches vary depending upon the nature of the vermiculite mineral being tested (e.g. un-processed gange, homogeneous exfoliated books of mica, or mixed mineral composites). Please contact your client representative for pricing and turnaround time options available.

iATL recommends initial testing using the EPA 600/R-93/116 method. This method is specifically designed for the analysis of asbestos in bulk building materials. It provides an acceptable starting point for primary screening of vermiculite for possible asbestos.

Results from this testing may be inconclusive. EPA suggests proceeding to a multi-tiered analysis involving wet separation techniques in conjunction with PLM and TEM gravimetric analysis (EPA 600/R-04/004).

For New York State customers, NYSDOH requires disclaimers and qualifiers for various vermiculite containing samples that direct analysis via ELAP198.6 and ELAP198.8 for samples that contain >10% vermiculite mineral where ELAP198.6 may be used to evaluate the asbestos content of the material. However, any test result using ELAP198.6 will be reported with the following disclaimer: "ELAP198.6 method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing >10% vermiculite."

Further information on this method and other vermiculite and asbestos issues can be found at the following: Agency for Toxic Substances and Disease Registry (ATSDR) www.atsdr.cdc.gov, United States Geological Survey (USGS) www.minerals.usgs.gov/minerals/, US EPA www.epa.gov/asbestos. The USEPA also has an informative brochure "Current Best Practices for Vermiculite Attic Insulation" EPA 747F03001 May 2003, that may assist the health and remediation professional. NYS customers please follow current NYSDOH ELAP requirements per policy on subject of surfacing and vermiculite, May 6, 2016, Testing Requirements for Surfacing Material Containing Vermiculite (https://www.wadsworth.org/sites/default/files/WebDoc/I198_8_02_2.pdf)

The following is a summary of the analytical process outlines in the EPA 600/R-04/004 Method:

1) Analytical Step/Method: Initial Screening by PLM, EPA 600R-93/116

 $\textbf{Requirements/Comments:} \ \ \text{Minimum of 0.1 g of sample.} \ \ \sim 0.25\% \ \ \text{for most samples.}$

Dated: 2/1/2022 2:36:43 Page 10 of 11



9000 Commerce Parkway Suite B Mt. Laurel, New Jersey 08054 Telephone: 856-231-9449

Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: EHS Alaska Incorporated Report Date: 1/31/2022

11901 Business Blvd., Ste 208 Report No.: 651633 - PLM

Eagle River AK 99577 Project: Kenai FD Flooring Replacement

Project No.: 7899-01

2)Analytical Step/Method: Wet Separation by PLM Gravimetric Technique, EPA R-04/004 Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

3) Analytical Step/Method: Wet Separation by PLM Gravimetric Technique, EPA R-04/004 Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Floats" only.

4) Analytical Step/Method: Wet Separation by TEM Gravimetric Technique, EPA R-04/004 Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

5) Analytical Step/Method: Wet Separation by TEM Gravimetric Technique, EPA R-04/004 Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Suspension" only.

*With advance notice and confirmation by the laboratory.

New York State Department of Health requires that samples originating from NYS that they categorize as Non-friable Organically Bound materials can only be confirmed as None Detected for asbestos by method 198.4. See the table below for a list of those materials. (ENVIRONMENTAL LABORATORY APPROVAL PROGRAM CERTIFICATION MANUAL - ITEM No. 198.1, Revision Date 5/6/16)

*Asphalt Shingles, Caulking, Ceiling Tiles with Cellulose, Duct Wrap, Glazing, Mastic, Paint Chips, Resilient Floor Tiles, Rubberized Asbestos Gaskets, Siding Shingles, Vinyl Asbestos Tile, NOB materials (other that SM-V) with <10% vermiculite, Any material (Friable or NOB other than SM-V) with >10% vermiculite.

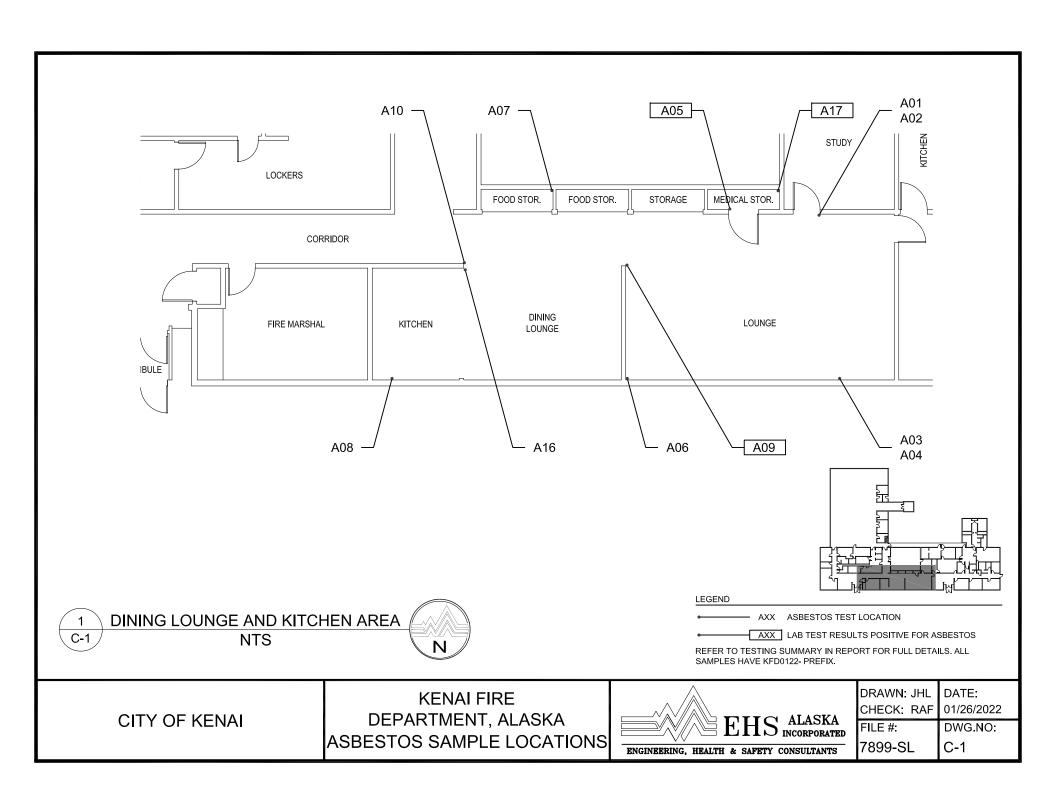
Statistically derived uncertainty with any measure should be taken into consideration when reviewing and interpreting all reported data and results. A more comprehensive listing of accuracy, precision, and uncertainty as it impacts this method is available upon request.

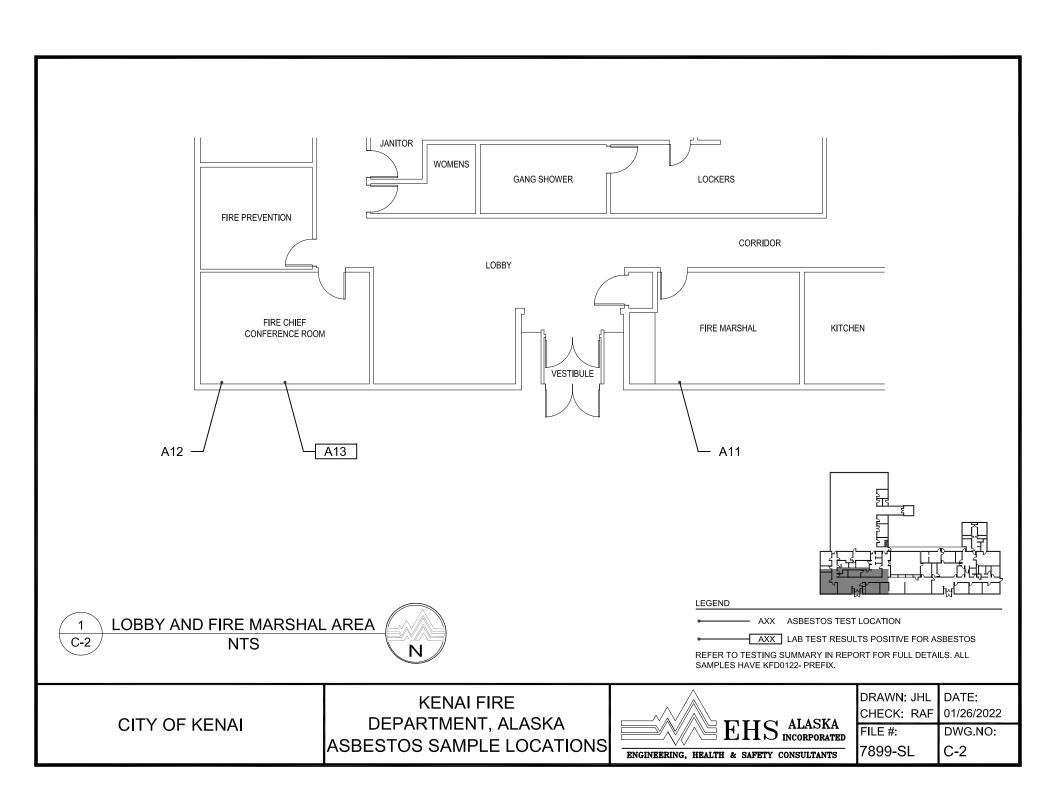
Dated: 2/1/2022 2:36:43 Page 11 of 11

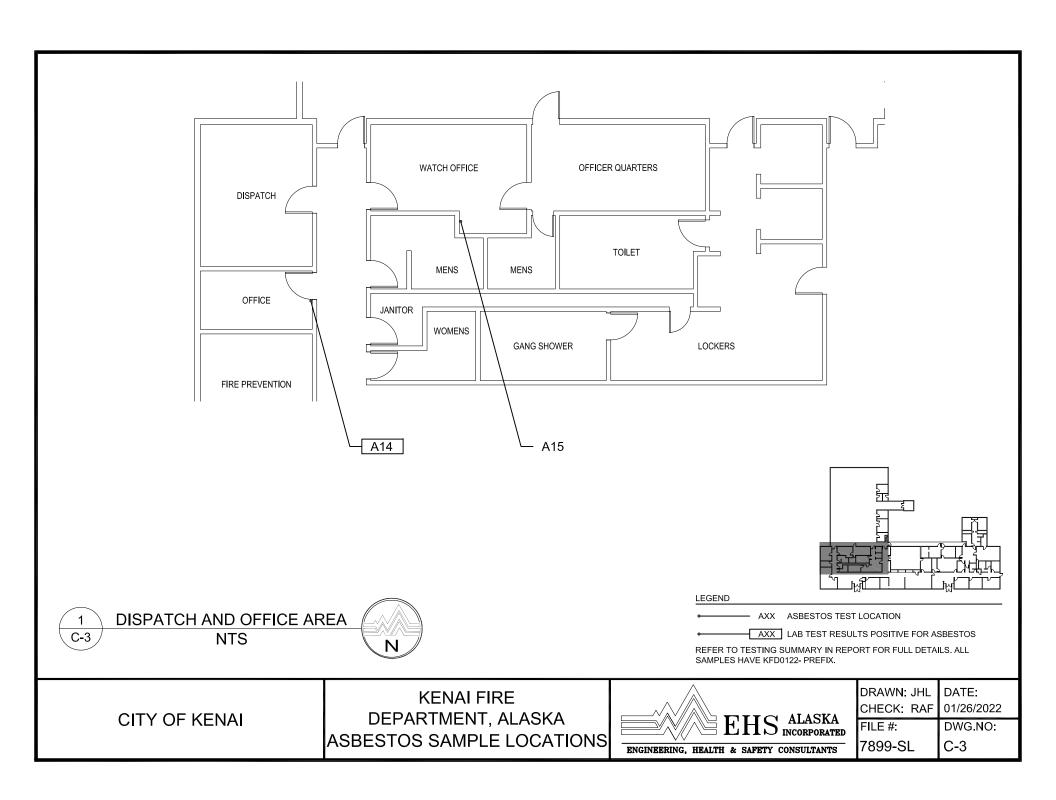
^{**}Approximately 1 Liter of sample in double-bagged container (~9x6 inch bag of sample).

APPENDIX B

Drawings of Sample Locations









700 Series

TP Rubber Wall Base

INSTALLATION INSTRUCTIONS and TECHNICAL DATA

TECHNICAL DATA

Toe Styles: Cove, No Toe

Nominal Base Height: 2 1/2" (63.5 mm), 4" (101.6 mm), 4 1/2" (114.3 mm), 6" (152.1 mm)

Nominal Base Length: 48" Sections (1.22 m), 120' Rolls (36.58 m)

Nominal Base Thickness: 1/8" (3.2 mm)

ASTM F1861 – Resilient Wall Base: Type TP, Group 2, Style A & B

ASTM E648 (NFPA 253) - Critical Radiant Flux: Class I, > 0.45 W/cm²

ASTM E662 (NFPA 258) - Smoke Density: Passes, <450

ASTM E84 - Flammability: Class A

CAN/ULC-S102.2 - Surface Burning: FSR 10, SDS 60

Acclimation Time: 48 Hours

Storage & Acclimation Temperature: 65° - 85° F

SUSTAINABILITY

FloorScore® Certified,NSF 332 Gold, EPD & HPD Available, Qualifies for LEED Credits, Participates in the mindful Materials Library Technical Support: solutions@rhctechnical.com

APPROVED ADHESIVES

Excelsior WB-600 Acrylic Wall Base Adhesive - An acrylic wet-set, wall base adhesive that can be used over porous substrates in indoor applications.

Excelsior C-630 Water Based Contact Adhesive - A water-based contact adhesive used for the permanent installation of vinyl and rubber resilient flooring, stair treads, wall base, flash coving and accessories in horizontal or vertical installations over porous and non-porous substrates in indoor applications.

SUBSTRATE, INSTALLATION & MAINTENANCE INFORMATION

1. PRODUCT LIMITATIONS

- Prior to acceptance of this document refer to www.roppe.com to confirm the most current revision.
- Do not install materials over existing wall base, rubber, vinyl or linoleum flash cove, cork, and asphaltic materials.
- Do not install wall base materials in outdoor areas and in or around commercial kitchens.
- Do not install in areas that may be subjected to sharp, pointed objects.
- Do not use wall base in place of crash guard/rail or wall protection where extreme abuse or high impact areas may occur. Damage will occur with repeated impact from pallet jacks, heavy carts, chair/furniture legs, forklifts or dollies.
- Do not allow product to be directly exposed to extreme heat sources, such as radiators, ovens or other high-heat equipment.
- Protect installation area from extreme temperature changes, such as excessive heat and freezing, as well as direct sunlight/UV for at least 48 hours before, during and for the life of the installation.



INSTALLATION INSTRUCTIONS and TECHNICAL DATA

700 Series

TP Rubber Wall Base

- Fading can occur from extensive or long term exposure to heavy direct or glass-filtered sunlight, or unfiltered ultra-violet rays, so use caution or window treatments in these areas.
- May be susceptible to staining from harsh disinfectants, cleaning agents, dyes or other harsh chemicals – ensure all chemicals and materials that may come in contact with wall base will not stain, mar or otherwise damage the material prior to use.

2. PRE-INSTALLATION

- Consult all associated product literature concerning installation and warranty prior to installation.
- Allow all trades to complete work prior to installation.
- Deliver all materials to the installation location in its original packaging with labels intact.
- Inspect all materials to ensure there is no damage.
- Do not stack pallets to avoid damage.
- Do not proceed with installation until all conditions have been met.

3. STORAGE, ACCLIMATION & SERVICE ENVIRONMENT

- Ensure material is adequately stored at temperatures between 65° F (19° C) and 85° F (30° C) prior to installation.
- This product is designed, manufactured and tested to perform at constant temperatures, not fluctuating more than 4° from normal selected service temperatures from the allowable 65° F (19° C) - 85° F (30° C) range.
- During acclimation, the material must be in the installation area with the HVAC system functional and operating at desired service temperatures for a period of 48 hours prior to installation, during the installation and for the service life of the installation afterwards.
- It is recommended maintaining an ambient relative humidity between 40% and 60% for a period of 48 hours prior to installation, during the installation and for the service life of the installation afterwards.
- If the material will be installed outside of the above acclimation and service temperature ranges contact Technical Services for more detailed installation recommendations.
- Do not proceed with installation until all conditions have been met.

4. CRACKS, JOINTS & VOIDS

All cracks, joints and voids, as well as the areas surrounding them, must be clean and free of dust, dirt, debris and contaminants and be repaired with a suitable cementitious patch.

Due to the dynamic nature of some vertical joints, manufacturer *cannot* warranty installations over expansion joints, cracks or other voids such as control cuts saw joints and moving cracks.

Do not install base or use adhesives directly over any expansion joints. All expansion joints should have a suitable expansion joint covering system installed to allow expansion joint to freely move.

5. SUBSTRATE PREPARATION

In regards to substrate preparation when mechanical sanding, grinding, shot blasting and vacuuming always follow the Resilient Floor Covering Institute's (RFCI) "Recommended Work Practice for Removal of Existing Floor Covering and Adhesives", and all applicable local, state, federal and OSHA requirements in regards to Asbestos and Silica containment regulations.

All substrates must be clean, smooth, permanently dry, flat, and structurally sound. Substrates must be free of visible water or condensation, dust, sealers, waterbased/acrylic paint, residual adhesives and adhesive removers, solvents, wax, oil, grease, asphalt, gypsum visible alkaline salts or excessive compounds. efflorescence, mold, mildew and any other extraneous coating, film, material or foreign matter. Substrate must be a structurally sound interior wall surface, such as dry plaster, cured drywall, fiber-reinforced plastic (FRP) panels, fiberglass, exterior grade plywood (Group 1, CC type), concrete, metal and masonry. Any cracks, voids, divots, grout lines and imperfections must be filled with a patch or filler suitable for the substrate. Gaps at the bottom of a wall shall not exceed 1/2" when installing a base with a toe and not exceed 1/4" with toeless base. although it is preferred to have substrate backing all the way to floor with toeless base.

When installing directly over a resinous products, such as epoxy paint, ensure that coating is dry to the touch and has cured for the prescribed length of time. Substrate must be clean, dry, sound and free of contaminates. Metal substrates must be thoroughly sanded/ground and cleaned of any residue, oil, rust and/or oxidation. Substrate must be smooth, flat and sound prior to installation. When installing in areas that may be subject to topical water or moisture and/or high humidity, an anti-corrosive coating must be applied to protect metal substrate. Contact a local paint or coating supplier for coating recommendations.

Porous Substrates

The Excelsior WB-600 is recommended for porous substrates only. Concrete, wood, unpainted drywall all need to be clean, dust free and also free of all aforementioned contaminates.



INSTALLATION INSTRUCTIONS and TECHNICAL DATA

700 Series

TP Rubber Wall Base

Non-Porous Substrates

WB-600 is NOT recommended over non-porous substrates. Material to be installed over non-porous substrates, such as epoxy paint, FRP panels, fiberglass or metal must be installed with the Excelsior C-630 Contact Adhesive.

It is also recommended when installing over very smooth or glossy substrates such as FRP or metal, to abrade the substrate to improve the bond of the adhesive.

6. FACTORY CORNER INSTALLATION

Roppe 700 Series Factory Corners, Corner Blocks and Micro Corner Blocks must be installed prior to 700 Series Wall Base materials. Ensure substrate is suitably prepared prior to installation, as manufacturer is not responsible for substrates that have not been properly prepared. Ensure adhesive is approved for use with wall base material and that proper trowel or applicator type and size is used, as manufacturer is not responsible for any and all adhesion issues related to improper adhesive selection or usage.

Corners and corner blocks must be installed on 90° corners - do not attempt to install corner blocks over other angles, including 135° angles. Install adhesive to the back of the corner or corner block and install onto corner. Mechanically fasten the returns / wings of corner blocks with staples or brad nails to increase stability. When fastening, ensure that staples or nail heads do not protrude from return, as they may telegraph through wall base material.

7. WALL BASE INSTALLATION

Prior to installation, ensure wall base material has been properly acclimated and that ambient conditions are within normal operational ranges. Ensure substrate is suitably prepared prior to installation, as manufacturer is not responsible for substrates that have not been properly prepared. Ensure adhesive is approved for use with wall base material and that proper trowel or applicator type and size is used, as manufacturer is not responsible for any and all adhesion issues related to improper adhesive selection or usage.

Cut wall base to desired length and fit tightly against corner blocks or allow for job-site formed corners detailed in section 6.

Apply adhesive to the back of the wall base per adhesive instructions, ensuring that wet-set adhesives do not come within 1/4" of the top of the wall base. Install wall base to substrate, ensuring that wall base material is not stretched or over-compressed during installation. Stretching material or over-compressing seams and corners may cause wall base to shrink and/or curl/delaminate, respectively.

Periodically lift material to ensure proper adhesive transfer - adhesive should cover 90% of material. Using a suitable hand roller, carefully roll material in the direction of the last piece installed with a hand roller within 30 minutes of installation.

700 Series wall base and corner blocks installations can be enhanced by using Roppe's matching Colored Caulk to fill any voids or imperfections. Allow wall base to cure for the required period of time - do not disturb wall base installation until curing time is complete.

8. JOB-SITE FORMED CORNERS

Ensure substrate is suitably prepared prior to installation, as manufacturer is not responsible for substrates that have not been properly prepared. Ensure adhesive is approved for use with wall base material and that proper trowel or applicator type and size is used, as manufacturer is not responsible for any and all adhesion issues related to improper adhesive selection or usage.

OUTSIDE CORNERS

To create an outside corner on-site using wall base material, position wall base material firmly against the wall, allowing wall base to overhang corner in the direction that it will be installed.

Use a pencil to mark the center of the corner on the back of the wall base, ensuring pencil line is straight and runs from the top of the wall base to the base of the toe.

Reposition wall base material on a flat, stable surface, backside facing up. Use a top-set gouge to create a center groove on the long side of the pencil line, removing ~30% of the wall base material. Ensure center groove is on the side of the line that is in the direction the wall base will be installed. Remove excess material from each side of the corner groove.

Use a pencil to mark 1" from the base of the toe on the center line. From the 1" mark, mark a straight line on a 45° angle to the base of the toe on either side of the center groove. Use the top-set gouge to cut two stress relief grooves along the pencil line. Use a knife to remove all excess material between the stress relief groove and the center groove.

While rolling to toe of the wall base up, fold wall base along center groove to form the corner. The top edge of the wall base should fit tight and flush to the wall's surface, while the toe should be rounded and sit flat on the surface of the floor.

Apply adhesive to the back of the wall base per adhesive instructions, ensuring that wet-set adhesives do not come within 1/4" of the top of the wall base, and install wall base to substrate.

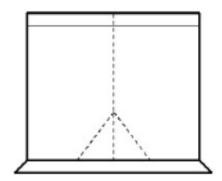


INSTALLATION INSTRUCTIONS and TECHNICAL DATA

700 Series

TP Rubber Wall Base

Outside Corner Detail – Toe Only



INSIDE CORNERS - TOE

To create an inside corner using wall base material, position wall base material firmly against the wall and into the corner. Use a pencil to mark the center of the corner on the back of the wall base and make note of wall base installation direction (from left to right or right to left). Reposition wall base material on a flat, stable surface, backside facing up. Prior to creating an inside corner, measure the distance from the end of the last piece of base installed to the inside corner.

If the distance from the last piece of base installed and the corner is within 5', draw a center line 1/16" from initial center mark in the direction the wall base will be installed. If the distance is more than 5', draw a center line 1/8" from initial center mark in the direction the wall base will be installed. Ensure pencil line is straight and runs from the top of the wall base to the base of the toe.

Use a top-set gauge to create a center groove along the center line. Remove excess material from each side of the center groove. Fold wall base along center groove to form the inside corner. Use a utility knife to cut a "V" into the toe from the base of the toe to the end of the toe. Ensure "V" is slightly less than 45° to avoid removing too much material. Remove material to create a triangular void so that wall base can be installed into corner without the toe overlapping. Make any final adjustments prior to installation.

Apply adhesive to the back of the wall base per adhesive instructions, ensuring that wet-set adhesives do not come within 1/4" of the top of the wall base, and install wall base to substrate.

The top edge of the wall base should fit tight and flush to the wall's surface and previously installed wall base. Once properly positioned, apply firm pressure to the corner to adhere it to the wall. Roll wall base with a hand roller in the direction the material was installed.

INSIDE CORNERS - NO TOE

To create an inside corner on-site using wall base material, install one side of the inside corner as usual, ensuring that wall base is flush with adjoining wall. Without applying adhesive, position the next section or coil of wall base on the adjoining wall with a ~1" gap from the installed material. Set a divider to the gap and move wall base material flush with the corner.

While applying firm pressure to the adjacent wall base corner with divider, mark the wall base with the divider to determine scribe line. Use a suitable knife to trim wall base along scribe mark.

Install wall base as usual, ensuring that wet set adhesives do not come within 1/4" of the top of the wall base and do not squeeze out of wall base corner.

9. INITIAL MAINTENANCE

Ensure that adhesive has cured for recommended period of time prior to conducting initial maintenance. Remove any protective coverings prior to cleaning. Dust or wipe base to remove any dirt, dust or debris.

Mix 2-4 ounces of Excelsior All Purpose Cleaner per gallon of clean, potable water. Use a soft, clean cloth or towel to apply cleaning solution to clean wall base.

Do not use detergents or abrasive cleaners, as they will dull the finish and sheen of the material. Avoid contact with vacuums and cleaning machines, especially those that have a beater bar, or electric brooms, especially those with hard plastic bottoms or no padding, as this may cause discoloration, scratching and loss of sheen.

For further information regarding daily or routine maintenance, please consult the product care & maintenance document or the associated product technical data sheet.

10. PAINTING PROCEDURES

700 Series wall base may be painted, if desired. Once wall base has been cleaned and wall base is free of all residues which may interfere with bonding, the wall base must be primed prior to final painting. Be sure to select a high quality primer that is recommended and compatible with rubber and vinyl, such as a 100% acrylic or a 100% acrylic latex paint primer. Test compatibility on an uninstalled piece of wall base to confirm adhesion, compatibility and performance.

Once the primer has properly dried, the wall base can be painted with a high quality acrylic latex paint. Follow all primer and paint manufacturer's recommendations and guidelines. Confirm proper maintenance procedures for paint prior to cleaning.



700 Series

TP Rubber Wall Base

11. WARRANTY

Roppe provides a 2 year limited warranty for all 700 Series wall base. For additional information, see associated warranty documents.

INSTALLATION INSTRUCTIONS and TECHNICAL DATA

FOR PROFESSIONAL USE ONLY
PLEASE CONSULT ALL ASSOCIATED TECHNICAL DATA, SAFETY
DATA, MAINTENANCE and WARRANTY INFORMATION PRIOR TO INSTALLATION

