

060459

VILLAGE OF LOMBARD
REQUEST FOR BOARD OF TRUSTEES ACTION
For Inclusion on Board Agenda
BIDS AND PROPOSALS

TO: President and Village Board of Trustees
FROM: William T. Lichter, Village Manager
DATE: August 24, 2006
TITLE: FIRE STATION ONE APPARATUS FLOOR
SUBMITTED BY: George E. Seagraves, Fire Chief

RESULTS:

Date Bids Were Published: N/A
Date Bidding Closed: N/A
Total Number of Bids Received: N/A
Total Number of Bidders Meeting Specifications: N/A
Bid Security Required: Yes
Performance Bond Required: Yes
Were Any Bids Withdrawn: Yes
Explanation: Yes
Waiver of Bids Requested? X Yes
Sole Vendor for Federal Siren: Yes
Award Recommended to Lowest Responsible Bidder: Yes
If no, explain: N/A

FISCAL IMPACT:

Funds are budgeted in the Capital Projects Fund for FYE 2007
Budget - \$30,000.00
Amount of Award - \$28,925.00

BACKGROUND/RECOMMENDATION:

Has Recommended Bidder Worked for Village Previously: X Yes
If yes, was quality of work acceptable: X Yes
Was item bid in accordance with Public Act 85-1295?: Yes
Waiver of bids - Public Act 85-1295 does not apply: X Yes


REVIEW (as needed):
Finance Director XX *[Signature]* Date 8/23/06
Village Manager XX *[Signature]* Date 8/28/06

NOTE: All materials must be submitted to and approved by the Village Manager's Office by 12:00 Noon, Wednesday, prior to the Board Agenda distribution.



August 24, 2006

TO : William T. Lichter, Village Manager

FROM :  George E. Seagraves, Fire Chief

RE : FIRE STATION ONE-APPARATUS FLOOR SURFACING

Attached is a memo from Lt. Rakosnik detailing the request to waive bid and award a contract to surface the apparatus floor at Fire Station One.

This is the same company that did the floor covering at Fire Station Two. They did excellent work and worked well with the Village. During the work and curing process our vehicles will be outside. It is very important to work with a company that knows how to manage the project.

They have done all of the new stations in the area and have performed warranty work for us. They received all high praise from all contacts.

GES:lh

Attachment



August 24, 2006

TO: Chief George E. Seagraves

FROM: Lieutenant Ron Rakosnik *RJR*

REF: Floor Covering at Fire Station One

In 1999, Artlow Systems of Carol Stream installed an epoxy quartz floor covering at Fire Station Two. This product is a *ceramic carpet* for concrete surfaces. It is an anti-slip material for areas that may get wet from time to time and possibly cause someone to slip. After installation at Fire Station Two we saw an immediate reduction in slipping.

I recommend the same surfacing system for application at Fire Station One. Artlow Systems has proposed installation for a cost of \$28,925. See copy attached. I have also attached the product bulletin describing everything involved with the application.

This is a unique product, I am asking you to petition the Board of Trustees for a waiver of bids and to award the contract to Artlow Systems. I believe that we should award the contract to Artlow Systems because of the following:

- Unique application process.
- Excellent references.
- The company has a long history with this type of installation.
- We have a history with this company.
- They have worked well with us on warranty issues at Fire Station Two.
- Their offices are located nearby.

RR

Attachment

Steve Stevenson
B.P. - SPT.

9-18-06

A) Prep/Misc/Coating (per above)	6500	sq ft @	\$4.450	per sq ft	\$28,925.00
B) Color - Add'l per sq ft (per above)	0	sq ft @	\$0.000	per sq ft	\$0.00
C) Cove	0	"	Chamfer	0	lin ft @
D) 4" Lines	0	lin ft @	\$0.000	per lin ft	\$0.00
E) Undersailing	0	" depth @	\$0.000	per sq ft	\$0.00
F) Fly Ash / Portland Cement Mix @	0	lin ft @	\$0.000	per lin ft	\$0.00
G) NO COVE FOR THIS BID.					\$0.00
H)					\$0.00
I)					\$0.00

Primer
 Overlay System "depth"
 By: _____
 Decorative Quartz System
 By: GENERAL POLYMERS CORPORATION
 Single Seeded Double Seeded
 CERAMIC CARPET SYSTEM
 WITH A TEN (10) YEAR WARRANTY
 INCLUDES PREVAILING WAGES
 Clear
 Color OF CHOICE see (B) below
 Hand Apply 4 Coats
 Spray 0 Coats
 Anti-Slip Between Coats
 Minimum Days 0 Days Required Before Coating

Scape
 Spot Grnd
 Hand Sweep
 Machine Sweep
 Hand Scrub
 Machine Scrub
 Strip with Arstrip to remove:
 Painted Lines Glue
 Old Coating Latex
 Mastic
 Strip with Arsolve to remove:
 Rubber Marks Curing Agent
 Acid Etch Normal Mild
 Scrub with Ardion
 Rinse with Clear Water

Pressure Wash
 Docks
 Wall(s)/Ceiling(s)
 Shotblast
 Grit Screen
 Sand
 Solvent Tack
 Tile Removal
 Saw cut Keyway(s)
 Scarfy
 Scabbie

COATING / SEEDED SYSTEM / OVERLAYMENT

PREPARATION

We respectfully submit herewith our proposal for furnishing all labor, equipment, and material for:

Customer ID: 1582
 Company: Lombard Fire Department
 Attn: Ron Rakoszniak
 Address: 50 E. St. Charles Road
 Lombard IL 60148

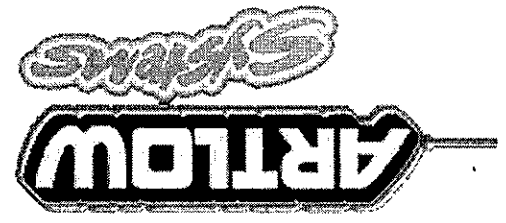
Re: _____

A Union Contractor

Sooner or Later You'll Use ARTLOW SYSTEMS.

Proposal ID: 3750
 Proposal Date: 2/23/2006

PROPOSAL



Accepted: _____

Date: _____

Steve Stevenson

NOTICE: This proposal is not valid until acceptance copy is signed and returned certifying your acceptance of the terms and conditions outlined in the "General Conditions of Proposal", regardless of and in addition to other contracts/purchase orders. No verbal agreements either implied or expressed take precedence over this written proposal.

Other Information: APPARATUS, GEAR, 2-CORRIDORS, GENERATOR, HOSE, STORAGE, AND PUBLIC EDUCATION.

4 % discount if payment, in full, is received within (5) working days of completion of said work. \$27,768.00 OR \$4,272 PER SQ FT

TERMS OF PAYMENT - Net 30 Days, 1.5% will be added to invoice after 30 days if payment in full is not received.

To be completed in _____ 1 phase(s), _____ 5 day(s) per phase. Add _____ 0 day(s) for caulking.
 Price based on Weekday Weekends. Add \$0.00 for Weekends, Nights, and Holidays.
 Price includes the removal and disposal of _____ 0 drums of waste/stripper. If it is determined that waste from your facility has PCB contamination, you will be liable for additional disposal costs. (See enclosure.)

FOOTAGES ARE APPROXIMATE FOR BIDDING AND WILL BE FIELD MEASURED AT TIME OF SAID WORK.

Saw Cut Break Out
 Fill with _____ 0 lin ft @ \$0.000 per lin ft \$0.00
 _____ \$0.00

JOINT RE-CONSTRUCTION

Fill with _____ 0 lin ft @ \$0.000 per lin ft \$0.00
 Patch Miscellaneous _____ 0 Holes @ \$0.000 per hole \$0.00

CRACK REPAIR - Rout and Sand or Grind to Grade

Note: Caulking prior to manufacturer's specs may result in separation of joint sealant on either side or down the middle due to natural shrinkage of new concrete. See separate manufacturer's guidelines enclosed.

<input type="checkbox"/> Constr. Joints	<input type="checkbox"/> X	fill with	_____ 0 lin ft @ \$0.000	per lin ft	\$0.00
<input type="checkbox"/> Saw Cuts	<input type="checkbox"/> X	fill with	_____ 0 lin ft @ \$0.000	per lin ft	\$0.00
<input type="checkbox"/> Perimeter	<input type="checkbox"/> X	fill with	_____ 0 lin ft @ \$0.000	per lin ft	\$0.00
<input type="checkbox"/> Diamonds	<input type="checkbox"/> X	fill with	_____ 0 lin ft @ \$0.000	per lin ft	\$0.00

CONSTRUCTION JOINTS / SAW CUTS - Prepare and Install to Manufacturer Specifications...

SYSTEM BULLETIN

CERAMIC CARPET™

#400 - #425

Product Description

General Polymers CERAMIC CARPET #400 - #425 are 1/8" systems which incorporate decorative colored quartz aggregates with 100% solids epoxy resins and chemical resistant grout and seal coats to form a protective surfacing system which is aesthetically pleasing, durable and resistant to wear, staining and chemicals.

Advantages

- Aesthetically pleasing appearance
- Limitless color options
- Durable, wear and slip resistant
- Chemical and stain resistant
- Fiberglass scrim optional for maximum tensile strength and crack isolation
- Optional waterproofing and/or membrane
- -0-VOC, Low odor (with appropriate topcoat)
- Available with an antimicrobial agent

Uses

- Commercial kitchens (areas where temperature will not exceed 170°F in service)
- Animal Care
- Clean rooms
- Pharmaceuticals
- Locker and restrooms
- Packaging and storage areas

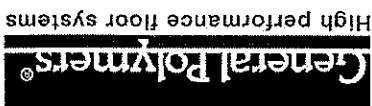
System Specification

CERAMIC CARPET #400 - #425 FLOORING SYSTEM consists of 3579 Standard Primer / Binder as primer, 3561 Epoxy Resin Glaze as binder resin, (5350 Traffic-cole Filler used for #425), 5900F ESTES Colored Quartz Aggregate, and 3744 High Performance CR Epoxy as grout. Different optional seal coats are as follows:
 3744 High Performance CR Epoxy
 4618 Hi-Solids Polyurethane Enamel
 4685 POLY-COTE 100% Solids Urethane
 3594S Epoxy Satin Coating - Satin
 4618/5555 Hi-Solids Polyurethane Enamel - Satin

Typical Physical Properties

Color	Pre-Blended Standard Colors Custom Color Blends Available
Hardness @ 24 hours, Shore D	ASTM D 2240 70/65
Compressive Strength	ASTM C 579 12,000 psi
Tensile Strength	ASTM C 307 ASTM D 638 2,500 psi 6,000 psi
Abrasion Resistance	ASTM D 4060, CS-17 Wheel, 1,000 cycles 70-90 mgs lost
Flexural Strength	ASTM C 580 ASTM D 790 4,500 psi 10,000 psi
Adhesion	ACI 503R 350 psi
Flammability	Self-Extinguishing 100% concrete failure over concrete
Resistance to Elevated Temperatures	No slip or flow at required temperature of 158°F MIL-D-3134J

ASTM C = Mortar System
 ASTM D = Resin only



Installation

Surface Preparation - Concrete

Concrete surfaces shall be abrasive blasted to remove all surface contaminants and laitance. The prepared concrete shall have a surface profile equal to CSP-3-5. Refer to Form G-1.

After initial preparation has occurred, inspect the concrete for bug holes, voids, fins and other imperfections. Protrusions shall be ground smooth while voids shall be filled with a system compatible filler. For recommendations, consult the Technical Service Department.

Temperature

Throughout the application process, substrate temperature should be 50°F - 90°F. Substrate temperature must be at least 5°F above the dew point. Applications on concrete substrate should occur while temperature is falling to lessen offgassing. The material should not be applied in direct sunlight, if possible.

Application Information

Material	Mix Ratio	Theoretical Coverage Per Coat Concrete	Packaging
Primer	3579	250 sq. ft. / gal	3 or 15 gals
Ceramic Carpet #400	3561	140-145 sq. ft. / gal	1.25 -25 gals
1st Broadcast	5900F	To Excess	50 lb. bag
	3561	65-70 sq. ft. / gal	1.25 - 25 gals
2nd Broadcast	5900F	To Excess	50 lb. bag
Ceramic Carpet #425	3561	50 sq. ft. / 1 1/2 gal	1.25 -25 gals
Slurry	5350 Trafficote Filler	8 lbs / 1.25 gal	100 lbs
Broadcast	5900F	To Excess	50 lb. bag
Grout Coat	3744	100 sq. ft. / gal	3 or 15 gals
Seal Coat Options	3744	200 sq. ft. / gal	3 or 15 gals
	4618	250 sq. ft. / gal	3 or 15 gals
	4685	300-400 sq. ft. / gal	2 or 10 gals
	Optional: in place of 3744		
	3594S Satin	250-300 sq. ft. / gal	3 or 15 gals
	Optional: in place of 3744		
	4618/5555 Satin	400-500 sq. ft. / gal	3 or 15 gals
	Optional: in place of 3744		

General Polymers materials shall only be installed by approved contractors. The following information is to be used as a guideline for the installation of the CERAMIC CARPET #400 - #425 SYSTEM. Contact the Technical Service Department for assistance prior to application.

Surface Preparation - General

General Polymers systems can be applied to a variety of substrates, if the substrate is properly prepared. Preparation of surfaces other than concrete will depend on the type of substrate, such as wood, concrete block, quarry tile, etc. Should there be any questions regarding a specific substrate or condition, please contact the Technical Service Department prior to starting the project. Refer to Surface Preparation (Form G-1).

Primer

Mixing and Application

1. Premix 3579 A (resin) and 3579 B (hardener) separately, using a low speed drill and Jiffy mixer. Mix for three minutes and until uniform, exercising caution not to introduce air into the material.

2. Add 2 parts 3579 A (resin) to 1 part 3579 B (hardener) by volume. Mix with low speed drill and Jiffy mixer for three minutes and until uniform. To insure proper system cure and performance, strictly follow mix ratio recommendations.

3. 3579 may be applied via spray, roller or brush. Apply 5-8 mils, evenly, with no puddles. Coverage will vary depending upon porosity of the substrate and surface texture.

4. Wait until primer is tacky (usually one hour), before applying the slurry. If primer is not going to be topped within open time, broadcast silica sand into resin lightly but uniformly and allow to cure overnight.

First Base Coat (Ceramic Carpet #400)

Mixing and Application

1. Premix 3561A (resin) and 3561B (hardener) separately, using a low speed drill and Jiffy mixer. Mix for three minutes and until uniform, exercising caution not to whip air into the material.

2. Add 4 parts 3561A (resin) to 1 part 3561B (hardener) by volume. Mix with low speed drill and Jiffy mixer for three minutes and until uniform.

3. Immediately pour the mixed material onto the substrate and pull out using a 1/4" v-notched squeegee and cross roll with a 3/8" nap roller at a spread rate of 140-145 square feet per gallon.

4. Allow material to self-level 10-15 minutes. Begin evenly seeding the 5900F into wet resin much the same as grass seed is spread. Granules may be spread by hand or mechanical blower but should be broadcast in such a way that the granules fall lightly into resin without causing the resin to move. Continue broadcasting to excess until the floor appears completely dry.

5. Allow to cure (Cure times vary depending on environmental conditions), sweep off excess granules with a clean, stiff bristled broom. Clean granules can be saved for future use. All imperfections such as high spots should be smoothed before the application of the second broadcast.

Second Broadcast

(Ceramic Carpet #400)

Mixing and Application

1. Premix 3561A (resin) and 3561B (hardener) separately, using a low speed drill and Jiffy mixer. Mix for three minutes and until uniform, exercising caution not to whip air into the material.

2. Add 4 parts 3561A (resin) to 1 part 3561B (hardener) by volume. Mix with low speed drill and Jiffy mixer for three minutes and until uniform.

3. Immediately pour the mixed material onto the substrate and pull out using a 1/4" v-notched squeegee and cross roll with a 3/8" nap roller at a spread rate of 65-70 square feet per gallon.

4. Allow material to self-level 10-15 minutes. Begin evenly seeding the 5900F into wet resin much the same as grass seed is spread. Granules may be spread by hand or mechanical blower but should be broadcast in such a way that the granules fall lightly into resin without causing the resin to move. Continue broadcasting to excess until the floor appears completely dry.

5. Allow to cure for 24 hours, sweep off excess granules with a clean, stiff bristled broom. Clean granules can be saved for future use. All imperfections such as high spots should be smoothed before the application of the seal coat.

NOTE: 5900F Granule distribution is critical to the success of the application. The decks finished appearance depends on the manner in which the granules have been applied. In grass seed like fashion, allow the granules to fall after being thrown upward and out. **DO NOT THROW DOWNWARD AT A SHARP ANGLE USING FORCE.**

Slurry Coat/Broadcast

(Ceramic Carpet #425)

Mixing and Application

1. Premix 3561A (resin) and 3561B (hardener) separately, using a low speed drill and Jiffy mixer. Mix for three minutes and until uniform, exercising caution not to whip air into the material.

2. Add 4 parts 3561A (resin) to 1 part 3561B (hardener) by volume. Mix with low speed drill and Jiffy mixer for three minutes and until uniform. Add 8 lbs of 5350 Trafficote filler to 1.25 gallons of mixed epoxy and mix thoroughly using a low speed drill and Jiffy mixer for three minutes and until uniform.

3. Immediately pour the mixed material onto the substrate and pull out using a 1/4" v-notched squeegee and cross roll with a 3/8" nap roller at a spread rate of 50 square feet per gallon.

4. Allow material to self-level 10-15 minutes. Begin evenly seeding the 5900F into wet resin much the same as grass seed is spread. Granules may be spread by hand or mechanical blower but should be broadcast in such a way that the granules falls lightly into resin without causing the resin to move. Continue broadcasting to excess until the floor appears completely dry.

5. Allow to cure (Cure times vary depending on environmental conditions), sweep off excess granules with a clean, stiff bristled broom. Clean granules can be saved for future use. All imperfections such as high spots should be smoothed before the application of the grout coat.

Grout Coat

Mixing and Application

1. Premix 3744A (resin) and 3744B (hardener) separately, using a low speed drill and jiffy mixer. Mix for three minutes and until uniform, exercising caution not to introduce air into the material.

2. Add 2 parts 3744A (resin) to 1 part 3744B (hardener) by volume. Mix with low speed drill and jiffy mixer for three minutes and until uniform. To insure proper system cure and performance, strictly follow mix ratio recommendations.

3. Apply 3744 using a flat trowel or squeegee and backroll with a 1/4" nap roller. Apply at a spread rate of 100 square feet per gallon evenly with no puddles making sure of uniform coverage. Two coats may be required. Take care not to puddle materials and insure even coverage.

4. Allow to cure (Cure times vary depending on environmental conditions).

Seal Coat 3744

Mixing and Application

1. Premix 3744A (resin) and 3744B (hardener) separately, using a low speed drill and jiffy mixer. Mix for three minutes and until uniform, exercising caution not to introduce air into the material.

2. Add 2 parts 3744A (resin) to 1 part 3744B (hardener) by volume. Mix with low speed drill and jiffy mixer for three minutes and until uniform. To insure proper system cure and performance, strictly follow mix ratio recommendations.

3. Apply 3744 using a flat trowel or flat squeegee and backroll with a 1/4" nap roller at 200 square foot per gallon evenly with no puddles making sure of uniform coverage. Take care not to puddle materials and insure even coverage.

4. Allow to cure 24 hours minimum before opening to traffic.

Epoxy materials will appear to be cured and "dry to touch" prior to full chemical cross linking. Allow epoxy to cure for 2-3 days prior to exposure to water or other chemicals for best performance.

Seal Coat 4618 (in place of 3744)

Mixing and Application

1. Premix 4618A (resin) using a low speed drill and jiffy mixer. Mix for three minutes and until uniform, exercising caution not to introduce air into the material.

2. Add 2 parts 4618A (resin) to 1 part 4618B (hardener) by volume. Mix with low speed drill and jiffy mixer for three minutes and until uniform. To insure proper system cure and performance, strictly follow mix ratio recommendations.

3. Apply 4618 using a 1/4" nap roller at a spread rate of 250 square foot per gallon evenly with no puddles making sure of uniform coverage. Take care not to puddle materials and insure even coverage.

4. Allow to cure 24 hours minimum before opening to traffic.

Seal Coat 4685 (in place of 3744)

Mixing and Application

1. Premix 4685A (resin) using a low speed drill and jiffy mixer. Mix for three minutes and until uniform, exercising caution not to introduce air into the material.

2. Add 1 part 4685A (resin) to 1 part 4685B (hardener) by volume. Mix with low speed drill and jiffy mixer for three minutes and until uniform. To insure proper system cure and performance, strictly follow mix ratio recommendations.

3. Apply 4685 using a 1/4" nap roller at a spread rate of 300-400 square foot per gallon evenly with no puddles making sure of uniform coverage. Take care not to puddle materials and insure even coverage. If a second coat is required, the surface must be abraded with 80-120 grit paper or screen and tack wiped prior to second application.

4. Allow to cure 24 hours minimum before opening to traffic. In cool and/or high humidity conditions, a surface film may form which can be washed with soap and water.

Clean up mixing and application equipment immediately after use. Use toluene or xylene. Observe all fire and health precautions when handling or storing solvents.

Cleanup

4. Allow to cure 24 hours minimum before opening to traffic.

3. Apply 4618/5555 using a 1/4" nap roller at a spread rate of 400-500 square foot per gallon evenly with no puddles making sure of uniform coverage. **Take care not to puddle materials and insure even coverage.**

2. Add 2 parts 4618A (resin) to 1 part 4618B (hardener) by volume. Mix with low speed drill and Jiffy mixer for three minutes and until uniform then add 2 Parts (Satin) or 3 Parts (Semi-Gloss) 5555 Flattening Agent. Mix with low speed drill and Jiffy mixer for three minutes and until uniform. To insure proper system cure and performance, strictly follow mix ratio recommendations.

1. Premix 4618A (resin) using a low speed drill and Jiffy mixer. Mix for three minutes and until uniform, exercising caution not to introduce air into the material.

Mixing and Application

Seal Coat Satin / Semi-Gloss 4618/5555

4. Allow to cure 24 hours minimum before opening to traffic.

3. Apply 3594S using a flat trowel or flat squeegee and backroll with a 1/4" nap roller at 250-300 square foot per gallon evenly with no puddles making sure of uniform coverage. **Take care not to puddle materials and insure even coverage. An even application is essential for gloss consistency. Use wet mil gauge to insure application is 4 mils WFT. Excess millage will result in high gloss.**

2. Add 2 parts 3594SA (resin) to 1 part 3594B (hardener) by volume. Mix with low speed drill and Jiffy mixer for three minutes and until uniform. To insure proper system cure and performance, strictly follow mix ratio recommendations.

1. Premix 3594SA (resin) and 3594B (hardener) separately, using a low speed drill and Jiffy mixer. Mix for three minutes and until uniform, exercising caution not to introduce air into the material.

Mixing and Application

Seal Coat Satin - 3594S

Safe and proper disposal of excess materials shall be done in accordance with applicable federal, state, and local codes.

MSDS (Material Safety Data Sheets) must be read and understood by personnel responsible for supervision and installation of the General Polymers Materials. In particular, PPI (Personal Protection Index) data should be consulted to help insure safe handling. All applicable federal, state, local, and particular plant safety guidelines must be followed during the handling and installation and cure of these materials.

Safety

Reference Chart Satin Finish			
PRODUCT ADDITIVE RATIOS BY VOLUME			
Product A&B	5555	Finish	
4618	3 Parts	Satin	
4618	3 Parts	2 Parts	Semi-Gloss
4618	3 Parts	1 Part	Semi-Gloss

This additive should only be used in a final topcoat to create a lower gloss finish, not as a grout or fill material. Mixing and application of the topcoat containing 5555 FLATTENING AGENT ADDITIVE must be consistent to achieve a uniform finish from batch to batch. Coverage should not be less than 350 square feet for 4618. Do not exceed 6 mils WFT thickness. Backroll with a 1/4" short nap roller or mohair roller.

For best results apply as thin and uniform as conditions will allow. Pooling and thick applications cure to a cloudy finish. On a flat surface the texture will be a slight orange peel finish.



WEBSITE: www.generalpolymers.com
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Cincinnati, OH
(800) 543-7694

This Limited Warranty shall be governed by and construed in accordance with the internal laws of the State of Ohio without regard to the principles of conflicts of laws. Any controversy or claim arising out of or relating to this Limited Warranty or alleged breach thereof, shall be settled by mediation under the Construction Industry Mediation Rules of the American Arbitration Association. If, within thirty (30) days after service of a written demand for mediation, the mediation does not result in settlement of the dispute, then any unresolved controversy or claim arising from or relating to this Limited Warranty or alleged breach thereof shall be settled by arbitration administered by the American Arbitration Association in accordance with its Construction Industry Arbitration Rules and judgment on the award rendered by the arbitrator(s) shall be final and binding on the parties and may be entered in any court having jurisdiction thereof. All such mediation and arbitration shall take place in Cleveland, Ohio. This Limited Warranty supersedes any other warranty or other representation, whether written or oral, hereto made between parties.

CLAIM TO ADDITIONAL DAMAGES.
POSE. THE BUYER HEREBY EXPRESSLY WAIVES ANY CHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE. WILLIAMS MAKES NO IMPLIED WARRANTIES OF MERCHANTABILITY, LOSS OF USE OF PROPERTY, OR DOWNTIME. SHERWIN-INCREASED EXPENSE OF OPERATION, BODILY INJURY, IN-ITED TO, BUYERS LOSS OF MATERIAL OR PROFITS, IN-CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, SHERWIN-WILLIAMS BE LIABLE FOR INCIDENTAL OR FACTION, TO BE DEFECTIVE, IN NO EVENT SHALL SHERWIN-WILLIAMS DISCLOSE, TO SHERWIN-WILLIAMS' SATIS-AND WHICH UPON EXAMINATION BY SHERWIN-WILLIAMS AND SERVICE WITHIN ONE YEAR FROM DATE OF SALE MAY PROVE TO BE DEFECTIVE UNDER NORMAL USE REPLACEMENT OF OR RETURN OF THE PURCHASE PRICE FOR THE PRODUCTS WHICH IT MAY SELL WHICH SHERWIN-WILLIAMS' LIABILITY SHALL NOT EXCEED

Occasional inspection of the installed material and spot repair can prolong system life. For specific information, contact the Technical Service Department. For specific information relating to international shipments, contact your local sales representative.

Shipping

- Destinations east of the Rocky Mountains are shipped F.O.B. Cincinnati, Ohio.
- Destinations west of the Rocky Mountains are shipped F.O.B. Victorville, California.

Maintenance

Store materials in a temperature controlled environment (50°F to 90°F) and out of direct sunlight. Keep resins, hardeners, and solvents separated from each other and away from sources of ignition. One year shelf life is expected for products stored between 50°F to 90°F.

Material Storage

Warranty