

DESCRIPTION:

2600 LS is a monolithic epoxy liner, formulated for chemical and abrasion resistance in corrosive atmospheres, or continuous immersion service. Trowel applied at 1/8 inch, 2600LS can be applied to horizontal, vertical, and overhead surfaces without sagging.

ADVANTAGES:

- Monolithic - Seamless Surface
- Excellent Chemical Resistance
- Applicator Friendly – Easy To Apply
- Excellent Adhesion
- Short Downtime – Quick Cure
- Minimal Maintenance - Durable
- U.S.D.A. Acceptable

USES:

- Chemical Tanks, Pits, Sumps
- Paper Stock Vessels
- Hot Water Storage Tanks
- Pump Casings
- Slurry Tanks
- Waste Neutralization Pits
- Trenches

SUPPLEMENTAL PRODUCTS:

- 2600 Primer and Veil Coat
Primer and Sealer
- 3500 Grout - Horizontal Pitching and Filler
- 3000 Series Floorings
Adjacent Floor Areas

PACKAGING:

2600 LS – Liner System - packaged in batches consisting of the following -

2600 LS – Primer – covers approximately 30 square feet at 10 mils, and consists of the following -

- 1 container - Part A (resin)
- 1 container – Part B (hardener)

2600 LS – Mortar – covers approximately 10 square feet at 1/8 inch, and consists of the following -

- 1 container - Part A (resin)
- 1 container - Part B (hardener)
- 1 bag - Part C (chemical resistant aggregate)

2600 LS – Veil Coat – covers approximately 30 square feet at 10 mils, and consists of the following –

- 1 container – Part A (resin)
- 1 container – Part B (hardener)

Larger Packaging is available.

PROPERTIES:

Compressive Strength	15,700 psi ASTM C-579 (resin)
Tensile Strength	11,000 psi ASTM C-307 (resin)
Bond Strength	Greater than 350 psi 100% concrete failure ASTM C-321
Coefficient of Thermal Expansion	1.2 x 10 ⁻⁵ in./in./°F
Thermal Shock (10 cycles)	No disbondment -20°F to 75°F (-20°C to 24°C) 32°F to 212°F (0°C to 100°C)
Impact Strength	100 in./lbs.
Abrasion Resistance	26 milligrams ASTM D-1044
Flammability	Does not support combustion ASTM D-635
Water Absorption	0.038% ASTM D-570
Working Time at 75°F (24°C)	25-35 minutes ASTM C-308
Maximum Immersion Temperature	190°F (88°C)
Shelf Life	1 Year
Color	Neutral
Solids by Content	By Weight 100% By Volume 100%

SURFACE PREPARATION:

2600LS may be installed only on clean, sound substrates

Concrete:

New concrete must be cured a minimum of 28 days. All coatings, oils, grease and unsound concrete must be removed. Concrete surfaces must then be acid etched, scarified or shot blasted to remove surface laitance. A good bonding tooth, the texture of 60 grit sandpaper, is desired for maximum adhesion, with removal of all surface glaze.

Metal Surfaces:

Blast the surface to near white SSPC-SP10-70 or NACE No. 2 using a Venturi blast nozzle with 100 psi air. To properly produce the proper 4 mil anchor profile, the blast media used shall be properly graded, clean, sharp, and angular, similar to Humble Abrasive Flint #7 (6-30) mesh, or Steel Grit (HG25).

MIXING:

Prior to starting, materials should be stored at 70°F (21°C) for at least 48 hours.

Primer - Empty entire contents of Part B into Part A and mix thoroughly for 2 minutes.

Mortar - Empty entire contents of Part B into Part A and mix thoroughly for 2 minutes. Slowly add the entire contents of Part C and mix for another 1-1/2 to 2 minutes.

Veil Coat - Empty entire contents of Part B into Part A and mix thoroughly for 2 minutes.

As with all two-component systems, apply immediately after mixing, as exotherm will increase over time. The working time of the mortar will substantially be reduced if the material is left in a pail.

APPLICATION:

Substrate temperature should be 65°-85°F (18°-29°C) during application, and for 96 hours thereafter, for complete cure. Do not apply if surface temperature is below 60°F (16°C). First apply the primer to the surface in a thin, even layer with a roller, and then pull the excess down with a squeegee. Prime only the areas to be lined within the next 2-3 hours. Trowel mortar evenly over the surface using firm pressure, filling in low spots as you go. Remove large surface marks by cleaning trowel and quickly going over the surface with light pressure. Allow mortar to set 2-3 hours or until hardened to the touch. Knock off any surface nubs with a carbide block or grinder. Spread the veil coat over the surface with a roller and pull down excess material with a squeegee.

CURE TIME:

2600 LS will harden within 2-3 hours; however, 96 hours at 75°F (24°C) is recommended for chemical spills. Cure can be accelerated by introducing heat to the substrate - "force curing" the vessel. Do not heat over 120°F (49°C), and increase substrate temperature at a rate of no more than 20°F (7°C) per hour.

CLEANUP:

Cured or hardened 2600 LS will bond to practically all surfaces and is extremely difficult to remove. Clean all tools and mixer immediately after use with acetone or other solvent based cleaners.

SAFETY:

Avoid skin contact. If eye contact occurs, flush with water and consult a physician immediately. Keep work areas well ventilated. Never seal a container of mixed Part A and B as the continuing exothermic reaction may cause container to explode. 2600 LS Material Safety Data Sheets are available upon request.

NOTE:

Refer to 2600 LS Instruction for use.

IMPORTANT NOTICE TO PURCHASER:

The following is made in lieu of all warranties, expressed or implied. Seller and manufacturer's only obligation shall be to replace such quantities of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential arising out of the use of or inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risks and liability whatsoever in connection therewith. The foregoing may not be altered unless written authorization is received from PROTECTIVE FLOORINGS AND LININGS, A DIVISION OF A. W. CHESTERTON.