

PRODUCT INFORMATION SHEET
2620 CR LINING SYSTEM
1/8" CORROSION RESISTANT LINER

DESCRIPTION:

2620 CR is a monolithic, novolac epoxy liner, formulated for optimal chemical and abrasion resistance in corrosive atmospheres or continuous immersion service. Trowel applied at 1/8 inch, 2620 CR 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

USES:

- Chemical Tanks, Pits, Sumps
- Paper Stock Vessels
- Hot Water Storage Tanks
- Pump Casings
- Slurry Tanks
- Waste Neutralization Pits
- Sand Hoppers and Troughs
- Trenches
- Pump And Tank Pads

SUPPLEMENTAL PRODUCTS:

- 2620 CR Primer and Veil Coat
- 3500 Grout - Horizontal Pitching and Filler
- 3300 CR Series Floorings
- 3300 CR Veil Coat

PACKAGING AND COVERAGE:

2620 CR – Lining system – packaged in batches consisting of the following -

2620 CR Primer – covers approximately 30 square feet at 10 mils, and consists of the following -

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

2620 CR Liner – 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)

2620 CR 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)

PROPERTIES:

Compressive Strength	14,750 psi ASTM C-695
Tensile Strength	2,200 psi ASTM C-638
Bond Strength	Greater than 350 psi 100% concrete failure ASTM C-321
Bond Strength (on Steel)	3500 psi
Coefficient of Thermal Expansion	9.16 x 10 ⁶ in./in./°F ASTM D696
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.
Indentation	No indentation MIL-D-3134F
Flammability	Does not support Combustion ASTM D-635
Water Absorption	0.038% ASTM D-570
Working Time at	25-35 minutes 75°F (24°C) ASTM C-308
Maximum Immersion Temperature	200°F (93°C)
Shelf Life	1 Year
Solids by Content	By Weight 100% By Volume 100%

SURFACE PREPARATION:

2620 CR 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 produce the proper 4 mil anchor profile, use properly graded, clean, sharp, and angular, similar to Humble Abrasive Flint #7 (6-30) mesh, or Steel Grit (HG25).

MIXING:

Prior to starting, 2620 CR 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 an additional 1-1/2 to 2 minutes.

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

With all components, be sure to apply them immediately after mixing. Do not allow the mortar to sit in a pail as this will substantially reduce the working time of the system.

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 substrate temperature is below 60°F (16°C). 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 you can trowel within 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 2-4 hours or until hard 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 with a squeegee.

CURE TIME:

2620 CR will harden within 3-4 hours; however, 96 hours at 75°F (24°C) is recommended for chemical immersion. Cure can be accelerated by introducing heat to the substrate. Do not heat over 120°F (49°C), and only increase substrate temperature at a rate of 20°F (7°C) per hour.

CLEANUP:

Cured or hardened 2620 CR will bond to practically all substrates 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. 2620 CR Material Safety Data Sheets are available upon request.

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.

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