

POLAGARD FIBRELASTIC™

Crack Bridging Elastomeric



Performance
Coatings & Sealants
Systems

DESCRIPTION

POLAGARD FIBRELASTIC is a single component, premium quality elastomeric wall coating designed for permanent flexibility and toughness. It will accept movement from thermal changes and bridge hairline cracks. POLAGARD FIBRELASTIC provides a waterproof finish that is both decorative and long-lasting, and it may be applied directly to most surfaces including concrete, splitface block, brick, stucco, wood, asbestos shingles, concrete block, mineral composites and precast concrete.

OUTSTANDING FEATURES

- ✓ Resists UV, mildew and chemical attack; has excellent alkali resistance
- ✓ Resists dirt pickup and is non-chalking
- ✓ Provides long-lasting weather-tight protection
- ✓ Easy and safe to apply, with easy cleanup
- ✓ Produces a breathable coating; protects from rain, wind, snow and ice
- ✓ Reduces or extinguishes flame in the event of fire

APPLICATION

Surface must be firm and free of dirt, efflorescence, oils, grease, loose debris or any other substance that may interfere with bond. It is advisable to have a dry substrate. If the surface

is damp, test the surface first by applying coating to a 4' x 4' area. If no sags or runs occur within 30 minutes and the coating appears to be taking a normal cure, application can proceed. Previously coated or treated surfaces must be tested prior to application to insure proper adhesion. It is advisable to fill any heavily pocked, spalled or broken areas of substrate. Repair cracks greater than 1/16" with a premium grade of acrylic caulk. Mound the caulk slightly so that the repair is flush with the wall surface and allow to cure 4-6 hours. Apply FIBRELASTIC over repaired areas. FIBRELASTIC may be brushed, airless sprayed, or rolled. For airless spray, be sure to use a reversible tip (a #35 orifice is a recommended starting tip). For roller application, a 1¼" nap roller provides good results. The nap thickness can be varied to accommodate

the substrate. FIBRELASTIC may be thinned with no more than 3-5 oz. of water per gallon. For waterproofing, apply 2 coats at 15-20 mils thickness per coat. When spray applied, it is advisable to backroll the first coat to insure optimum weatherproofing and reduce pinholing. Power stir product for 2 minutes at low speed before use. Always apply to the shaded areas of the building with ambient surface temperatures. Unshaded areas may have high surface temperatures that can cause rapid skinning of the coating and blisters may appear.

LIMITATIONS

Do not apply to frozen or saturated surfaces. Do not apply if temperature falls below 45° F. within 4 hours unless an artificial heat source and enclosure are provided. High humidity and precipitation interfere with

SPECIFICATIONS	
Coating Type	Elastomeric PVC/acrylic waterborne coating
VOC	Zero grams/liter
Pot Life	Single component
Shelf Life	12 months
Recommended Thickness	120 square feet per gallon average per coat
Packaging	1 gallon, 5 gallons, and 55 gallons
Color	26 standard colors available

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application and adhesion. Do not apply if rain is forecast within 8 hours of application completion. Shelf life in unopened containers is 1 year at 45° - 90° F. Protect FIBRELASTIC from freezing. Keep containers sealed and under cover when not in use.

MAINTENANCE

If a treated surface becomes dirty, spray with water or a mild

soapy water solution. Rinse with a clean, low pressure water spray. For scars or hard-to-clean areas, recoat with FIBRELASTIC.

PRECAUTIONS

FIBRELASTIC is an alkaline, water based product. Avoid contact with skin and eyes. In case of contact, immediately flush with clear water. For contact with eyes, get medical attention in addition to flushing. Avoid

inhalation of spray mist. If spray mist is inhaled, seek medical attention immediately. In case of ingestion, contact a physician immediately. Wear rubber gloves, coveralls, and safety goggles when applying FIBRELASTIC.

Keep product out of reach of children and pets. For additional information, contact our Technical Department.

TECHNICAL DATA		
Moisture Vapor Transmission	2.5 perms	ASTM E-96
Elongation	180% (60°F)	ASTM D-412
Solids Content	67% (B.W.); 64% (B.V.)	ASTM D-1044
Tensile Strength	350 psi	ASTM D-412
FSI Rating	Class 'A'	ASTM E-84
Flashpoint	Non-flammable	SETA
Viscosity	20,000 cps	
Weight Per Gallon	11 pounds	
pH	9.0 - 9.5	
Fiber Type	Calcium Silicate	
Fiber Aspect Ratio	80:1	
Pigment Type	Non-chalking	
Colorant Type	Exterior Grade	UV rated
Alkalinity Resistance	Excellent	UV rated

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Effective Date: 02/2009

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