

# Sealcoat Elastic

## Flexible “Crack Bridging” Decorative and Protective Coating



### Commercial Product Data Sheet

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#### **Description**

Sealcoat Elastic is a tough, highly flexible coating based on a mixture of emulsion polymers specially formulated to provide crack bridging of the substrate with excellent resistance to mildew and dirt pick up.

#### **Uses**

- Sealcoat Elastic is a protective and decorative coating for cracked or crack-prone substrates such as stucco, concrete, brickwork, concrete block and wood.
- To prevent the deterioration of concrete structures through carbonization, chloride attack and water ingress.
- To provide decorative waterproof crack bridging coatings on residential, commercial and industrial buildings.

#### **Advantages**

- Safe and easy to use
- Forms a flexible waterproof membrane over the substrate
- Good crack bridging capability on active cracks
- Good resistance to chloride attack and carbonization in concrete
- Excellent cold weather performance
- No embrittlement through UV attack
- Good vapor permeability
- Non-flammable
- High quality color fast pigments
- Excellent mildew resistance
- Very low dirt retention
- Superior elastic memory
- Salt spray resistant

#### **Colors**

Sealcoat Elastic is available in a variety of colors. Refer to the Color Selection Guide.

#### **Coverage**

Sealobond Primer

250 sq. ft./gal.

Sealcoat Elastic

90 sq. ft./gal. for 10 mils dft\*

60 sq. ft./gal. for 15 mils dft\*

(\* dry film thickness)

Coverage rate will vary depending upon roughness and porosity of surface. e.g., Split Face Block. A minimum of 2 coats of Sealcoat Elastic must be applied. To achieve optimal crack

bridging ability a final dry film thickness of 15 mils must be achieved (3 coats). This will allow cracks in the substrate up to 15 mils wide without perforating the coating.

#### **Preparation**

The substrate must be sound, dry and free of oil, dirt, grease, fats or chemicals. Where active cracks occur exceeding 15 mils in movement, it is necessary to first repair the crack as follows:

Apply a heavy coat of Sealoflex Pink, through Sealoflex Jointing Fabric. Allow to dry. Feather the edges of the fabric with Sealoflex Buttergrade, using a trowel or Sheetrock knife and allow to dry. These areas may be sanded when dry to achieve an invisible patch. Do not fill the crack with any form of caulk or grout before commencing with the above treatment allowing free movement of the substrate under the repair.

#### **Priming**

Apply Sealobond Primer where the substrate is chalky or powdery. e.g. concrete, stucco, older painted surfaces.

#### **Application**

Apply Sealcoat Elastic at 10 mils dft as a decorative application or at 15 mils dft as a crack bridging application. Application may be done with brush, roller or airless sprayer. When using primer, allow to dry before overcoating with Sealcoat Elastic. Allow to dry between coats.

#### **Cleaning**

Clean tools and equipment with water. However, cured Sealcoat Elastic may be removed with mineral spirits.

#### **Important Notes**

- Determine if a primer is needed, and/or which primer is best for the application, please refer to the Pull Test Procedure on the back of the Sealoflex Primer Chart.
- Thoroughly stir the product before use. When using a mechanical mixer, do not over agitate. Over agitating will add air into the product, creating bubbles.
- Slight color variations between batch numbers can occur. Blend materials to ensure color consistency.
- After mixing, allow product to sit 5-10 minutes to allow trapped air to evacuate container to protect against product pinholes when applied.

# Sealcoat Elastic

## Physical and Mechanical Properties

Property (as Manufactured)	Value
Shelf Life and Storage Conditions	12 months if store unopened between +40°F & 90°F; <i>Do Not Allow To Freeze</i>
Density	11.0 lb./gal.
Volume Solids	49.1%
Application Temperature	+45°F to 105°F (Ambient) +40°F to 130°F (Surface)
Drying Time (Touch Dry)	30 minutes at 77°F and 50% RH
Elongation (ASTM D412)	600% at full cure at 77°F. 550% after 1500 hours of accelerated weathering (ASTM G53) at 77°F. 116% at full cure at 0°F.
Tensile Strength	470 psi at 77°F
Low Temperature Flexibility	Passes an 1/8" mandrel bend at 15 mils thickness
Water Vapor Transmission Rate (ASTM E96)	5.1 grains/ft <sup>2</sup> /hour at 15 mils thickness
Mildew Resistance (ASTM 32784)	No growth
Accelerated Weathering (ASTM G26)	No serious effects after 3600 hours (passes the requirement laid down by Dade County, Florida)
Dirt Pick-up Resistance	Excellent
Salt Spray (ASTM B117)	No effects noted
Packaging	5 gal. pails and 55 gal. drums



*Sealcoat Elastic Coating over Masonry Surface*



*Sealcoat Elastic over existing EFIS*

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