Sikagard® Flex Coat System

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<th>Flex Coat</th>
<th>Flex Coat ATC</th>
<th>Flex Coat EM</th>
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<td>Cement-based, flexible,</td>
<td>Acrylic Top Coat</td>
<td>Embedding Mesh</td>
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<td>waterproofing material</td>
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Sika
Sikagard® Flex Coat System

Two-component, polymer-modified, cement-based waterproofing system

APPLICATIONS

▲ Balcony deck resurfacing
▲ Concrete exterior restoration
▲ Sidewalk resurfacing
▲ Wall refinishing and installation coating
▲ Stadium renovation
▲ Swimming pool walkways

ADVANTAGES

▲ Can be applied over almost any clean surface, i.e. concrete, block, masonry, etc. for a various floor, wall, and roof uses
▲ Superior adhesion coupled with ability to withstand prolonged pedestrian and light vehicular traffic
▲ Waterproof coating reduces or prevents water penetration freeze-thaw scaling and concrete carbonation
▲ Surpasses performance of conventional cementitious coatings
▲ Breathable coating releases normal entrapped vapor without loosening or blistering.
▲ Available in natural cement color

TYPICAL DATA

Sikagard Flex Coat

▲ Adhesion (ASTM C-882), Type I 515 psi
▲ Absorption - weight gain by 4” coated concrete cube after 21 days water immersion < 2%
▲ Weathering (ASTM G23) Weatherometer - Method 1 procedure, 60 cycles No visible degradation
▲ Compressive Strength (ASTM C-109) 2,440 psi
▲ Tensile Strength (ASTM C-190) 430 psi
▲ Elongation (ASTM D-412) 12%
▲ Shore Hardness (ASTM D-2240) Durometer “A” - 82
▲ Water Vapor Permeability (E-96) 1.96 perms/inches
▲ Resistance to Wind-Driven Rain Fed Spec. TT-C-558 (8 hrs.) & TT-P-0035 (24 hrs.) At 5” water pressure and 60 gal./hr. water flow No water or dampness noted on back of test panels

Sikagard Flex Coat ATC

▲ Gloss 60 Gloss Meter 90+
▲ Cleaning Solvent water
▲ Physical Properties
  Flexibility - Excellent, Weather - Excellent; Abrasion - Excellent
▲ Curing Time (77F)
  Dry to touch - 1 hr.; Recoat - 4 hrs.; Traffic - 24 hrs.
▲ Color Retention No fading or deleterious effect, Atlas Twin-Arc Weatherometer, 20 min. Cycle, 17 min. Dry - 3 min.; Wet - 300 hrs.
▲ Accelerated Ultraviolet Light Exposure No fading or visible deleterious effect under 10x magnification. Desert Sunshine Exposure Test, Inc., Phoenix, AZ “Procedure EMMA” (mirror accelerated exposure).

1. A 55 lb. bag is mixed with 2.5 gal. of liquid.
2. A notch squeegee being used to apply the first coat.
3. A roller being used to apply the second coat.
4. Sikagard Flex Coat ATC (Bright Gray) used as a finish coat for an aesthetically pleasing appearance.

Available in the colors below

Bright Gray   Adobe   Ivory Cream

The above colors are only a representation of the actual color. Use cured product sample for color matching.

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ISO 9001 Certificate # FM 69711
RC 14001 Certificate # RC 510999