



TECHNICAL DATA SHEET

Indu-Crete™ WallCove

Product Description:

Indu-Crete™ WallCove is a three-part polyurethane concrete system. Applied to a primed surface, WallCove is a thick, formable mix ideal for coving and patching vertical areas. Excellent thermal shock resistance. Excellent heat & chemical resistance. Low odor and USDA compliant.

Recommended for:

Recommended for a 45° cove and for vertical patches. Product is suitable for many high traffic and chemical exposure environments.

Coefficient of friction:

Wet or dry.
Passes ADA recommendations.

Resistance to elevated temperatures:

No flow or softening.....MIL-D-3134

Mix Ratio:

1 Parts A to 1 Part B to 1 Parts C

Finish Characteristics:

Low gloss

Adhesion:

psi (MPa)...400 (2.8) 100% concrete failure.....ASTM D-4541

Hardness:

Shore D = 86

Density:

lb/ft² (g/cm³)...130 (2.80).... ASTM C-905

Compressive Strength:

psi (Mpa)...7,300 (50.3)..... ASTM C-579

Cure Schedule:

Pot life (2 gallon volume)	15-20 minutes@70° F
Tack free (dry to touch)	6-8 hours@70° F
Light foot traffic	8 hours@70° F
Full cure (heavy traffic)	12 hours@70° F

Application Temperature:

50 - 90° F with relative humidity below 85% for best results.

Compressive Modulus

1.95 X 10 psi...ASRM D-695-77

Temperature Service Range

-50° F to 235° F (-45 to 113° C)

Tensile Strength:

psi (Mpa)...800 (5.5).....ASTM C-307

Impact Resistance:

No visible damage (minimum 160 in-lb.....ASTM D-2794

Flexural Strength

psi (Mpa) 1,800 (12.4).....ASTM C-469

Coefficient of Thermal Expansion:

in/in/ ° F (cm/cm/°C)...1.1 x 10⁻⁵ (2.0 x 10⁻⁵)....ASTM C-531

Abrasion Resistance

G loss;CS-17 wheel, 1,000 cycles...0.07...ASTM D-4060

Modulus of Elasticity:

psi (Mpa)...1.7 x 10⁵ (1,170).....ASTM C-469

Water Absorption

< 0.1%.....ASTM C-413

Compressive Modulus:

psi (Mpa)... 1.7 x 10⁵ (1,170).....ASTM C-469

Resistance to Fungi Growth:

Passes, rating of one...ASTM G-21

Thermal Conductivity:

BTU-in/in-ft² °F (W/mK)...8 (1.2).....ASTM C-177

Limitations:

- * Color may vary from batch to batch. Therefore, use only products from the same batch for an entire job.
- * All new concrete must be cured for at least 12 days prior to application.
- * Not UV stable. Will discolor but performance will not be affected.
- * Substrate temperature must be 5° F above dew point.

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