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Product Data Sheet For:

PLEXICLAD DEEPFILL

DESCRIPTION

PlexiClad DeepFill is 100% solids, power-troweled epoxy filler. PlexiClad DeepFill is installed at a thickness of ¼” – 2” thick depending on the erosion of the concrete, required patch or required fill. It is designed to rehabilitate worn concrete and as a protective filler or pitching material in preparation for coatings or overlayments. PlexiClad Deep Fill exhibits exceptional strength while offering excellent chemical resistance.

TYPICAL USES

PlexiClad DeepFill is used as a deep fill epoxy grout material in heavy-duty forklift traffic aisles, high abrasion and impact areas, wet processing areas, and as a superior deep fill grout that offers a resin rich install. It is used to level and pitch new and existing surfaces prior to resinous flooring installation.

FEATURES

VOC compliant, chemical resistant, high impact resistance, high abrasion resistance, high compressive strength, and impact resistant.

FORMULATION

Each unit is comprised of 2 gallons of Part A (resin), 1 gallon of Part B (activator), Part C (color pack), and 125 lbs. of Part D (graded silica aggregate and 50 lbs. 1/8” – 1/4” pea gravel).

DURABILITY

PlexiClad DeepFill is extremely durable and performs extremely well in areas requiring high impact and abrasion resistance. PlexiClad DeepFill also works well in spillage and wet processing areas, as well as areas where sanitation and dust free environments are required.

COVERAGE

Coverage @ ¼” (125 - 150 square feet per unit).

Coverage @ 1” (50 – 75 square feet per unit).

Coverage @ 2” (18 – 24 square feet per unit).

SURFACE PREPARATION

Remove oil, grease, chemicals and contaminants by mechanical preparation. Preferred method of mechanical preparation is shot-blasting, diamond grinding, and scarification. Use hand-held diamond grinders in hard-to-reach areas.

MIXING

Premix Part A (resin), Part B (activator), and Part C (color pack) in a running rotary drum mixer. Mix parts together for approximately 30 seconds. Slowly add Part D (aggregate), and mix until a lump-free, thoroughly wetted-out matrix is obtained.

INSTALLATION

Install PlexiClad DeepFill on primed substrate. Screed by hand with screed bar. Immediately after placing, material must be power-troweled or hand troweled to a minimum of ¼” thickness.

CURE RATE

6-8 hours prior to application of troweled epoxy or urethane mortar.

PHYSICAL PROPERTIES

Compressive Strength	ASTM C-579	7,800 psi
Tensile Strength	ASTM C-307	1,700 psi
Abrasion Resistance CS-17 Wheel, 1 kg load	ASTM D-1044	<0.10 gm loss max
Water Absorption	ASTM C-413	0.32%
Flexural Strength	ASTM C-580	4,200 psi
Shore D Hardness	ASTM D-2240	85
Heat Distortion Degrees F		175°F
Bond Strength to Concrete (dry)		100% substrate failure
Pot Life	@ 75°	45 mins.

WARRANTY

Plexi-Chemie Inc. warrants its products to conform to its manufacturing standards. Plexi-Chemie Inc. will replace or refund the purchase price of non-conforming product at the seller's option; such remedy being exclusive of all others and sole remedy available to the buyer. Buyer hereby expressly waives claim to additional damages. Any claim under this warranty must be made in writing within 7 days of discovery of non-compliance and no later than one year from the date of delivery of product. No representative, distributor or applicator of these products is authorized to modify product data or warranty.

Notice: The technical data contained herein are true and accurate to the best of our knowledge. All products are offered and sold subject to Plexi-Chemie Standard Conditions of Sale. Published technical data and instructions are subject to change without prior notice. **Please be sure the Safety Data Sheet is read and understood before using any Plexi-Chemie product.**