

DEEP LEVEL

Chemical Concrete Patching Material



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Technical Data

COVERAGE

50 lbs. (22.7 kg) will equal approximately .46 ft.³ (.013m³)

Compressive Strength

ASTM C 109

24 hour 3130 PSI (21581 kPa)

28 Days 5000 PSI (34474 kPa)

Tensile Strength

ASTM C 190

1 day 280 PSI (1931 kPa)

28 day 890 PSI (6136 kPa)

Flexural Strength

ASTM C 348

1 day 210 PSI (1448 kPa)

28 day 550 PSI (3792 kPa)

Abrasion Resistance

grams lost @ ¼" (.635 cm) thick patch

24 hours 1

7 days 1

LIMITATIONS

Deep Level must be applied in temperatures above 40°F (4.4°C) and remain above 40°F (4.4°C) for 24 hrs. Do not allow **Deep Level** to freeze for 48 hrs. after placement.

This product is not recommended for use over gypsum-based surfaces, particleboard, plastics, steel, or strip wood flooring. Expansion or control joints should never be bridged with

Deep Level. For patching beneath thin film overlay systems, especially light colors, an extra skim coat may have to be placed over patched area, as the patch may be darker. Darker shaded area may be visible in the finished product.

Shelf life for this product is 12 months for unopened packaging.

DESCRIPTION

Deep Level is a single component cement based chemical patching compound system providing a patch that goes from ⅛" (.32 cm) and up. Just add water.

USES

Deep Level offers superior bonding power to patch larger spalls in concrete floors, build ramps, repair loading docks, and parking lot pavement. **Deep Level** also performs well in filling low spots on horizontal surfaces and filling open areas (e.g. planters). The silicate aggregate size will eliminate the usual shrink cracks associated with topping mixes used for repairs.

SURFACE PREPARATION

Remove all laitance, efflorescence, chemical contaminants, grease, oil, old paint, and other foreign matter. The prepared surface must be clean and structurally sound. The surface may require profiling. Sand blasting, grinding or shot blasting may be necessary to get to bare concrete. Substrate must be 40°F (4.4°C) and rising before installation. Surface at 90°F (32°C) and above must be cooled before installation. Dampen area with fog tipped sprayer before using, leaving no puddles.

APPLICATION

Concrete or masonry surfaces should be dampened after cleaning, before application of **Deep Level**. Any excess water should be blown or swept away. Apply slurry bond coat consisting of **SureBond** mixed loosely with water with a brush to the host surface not allowing it to dry prior to application of **Deep Level**. **Deep Level** is mixed by adding the dry mixture to the proper amount of clean water (approx. 1 gal. [3.8 L] per 50 lb. [22.7 kg] bag) and mixed thoroughly using a suitable paddle mixer. Mix to a lump-free consistency. As thickness of patch increases a corresponding decrease in slump for the mix should be achieved. Thickness in excess of 2" (5 cm) may shrink crack. No tempering with additional water should be attempted. Begin application of **Deep Level** immediately after mixing with water and work thoroughly into surface of area to be filled. Do not overwork. Minimize troweling.

CLEAN UP

Clean up is simple and easy with soap and water. Rinse tools before material hardens.

WARRANTY

Warranty of this product, when used according to the directions, is limited to refund of purchase price, or replacement of product (if defective), at manufactures/seller's option. SureCrete Design Products shall not be liable for cost of labor or direct and/or incidental consequential damages.