

Deco-Poz Concrete Microtopping Product Data Sheet



Description

Deco-Poz™ Concrete Microtopping is a high performance decorative concrete resurfacer made with a 100% recycled pozzolan that not only replaces up to 20% portland cement content, it adds 20% more strength, and reduces sulfate attack. Its tenacious bond to virtually any surface will allow you to transform or re-purpose the substrate and turn it into a new concrete canvas that you may integrally color, paint, stain, or diamond polish.

A special solvent-free bonding polymer is added to our white or gray concrete mix to make it a self bonding cement application. The blended mixture is adjusted to the appropriate viscosity suitable for either vertical, horizontal, or hopper spray applications. Our concrete resurfacer has a very smooth flow due to the very fine particle size of our powder fillers unlike most competitors.

It is recommended to apply our concrete microtopping in two (2) thin coats @ 1/32" each for a total of 1/16". This will yield approximately 150-200 sq.ft. per 40 lb kit. Thicker applications up to 1/8" are typical if concrete polishing with fine glass such a terrazzo type surface designs are desired. This added thickness allows better encapsulation of glass and supports the necessary polishing stages. Otherwise, thicker is not better and does not increase strength or durability. You may apply Deco-Poz from a zero edge to no more than 1/4" in multiple coats. Its a fast dry cement microtopping that will dry to the touch within 2 to 4 hours.

Intended Uses

For application over concrete, wood, masonry, tiles, fiberglass, plastic and more. Large cracks, divots, or control joints should be filled with applicable joint filler. High traffic areas should be shotblast profiled to a CSP-2 - CSP-3 level for optimum bonding and durability. Protect against high moisture vapor pressures.

Resurface & Repurpose:

**Concrete • Wood • Masonry • Shower Surrounds
Tile • Countertops • Fiber Cement • Glass • And More...**

LIMITATIONS: Do not apply when surface temperatures are below 45° F or if humidity is above 80%. Always honor control joints.

Performance Features

- Multi-Surface Bonding
- Breathable Chemistry
- Smooth Flow & Trowel
- Sulfate Resistant
- High Flexural Strength
- Diamond Polishable
- Crack Resistant
- 30-60 Minute Dry Time

Green Building & Sustainability Features

- Ultra Low VOC Compliant
- LEED v4 Transparency Report
- HPD Transparency Report
- Renewable Resource Content
- Recycled Content Material
- Produced in AZ, USA
- No Red List Chemicals
- Will Qualify for CHPS

Technical Product Information

APPLICATION TOOLS & EQUIPMENT:

Protection: Gloves, safety glasses, shoe covers, plastic sheeting, rosin paper, delicate surface painters tape, rags, etc.

Manual Applicator Choices: Metal Trowel, Pool Trowel, Magic Trowel

Mechanical Applicators: Hopper Sprayer, Floor Buffer w/Sanding Discs, Diamond Polisher.

AVAILABLE CEMENT MIX COLORS: White or Gray

AVAILABLE SIZES: 10 lb Kit or 40 lb Kit

OUR INGREDIENTS & SUPPLY CHAIN PROCESS: A Commitment to Sustainable Chemistry.

ESP evaluates and screens every raw material using a third party service partner comparing ingredients against the most current GreenScreen® and Red List Chemical databases prior to launching any R & D product development project. Additionally, every supplier agrees to participate in our full ingredient transparency program to ensure every ingredient they use in their material down to a minimum of 1,000 ppm, can be screened, then submitted for a LEED v4, Health Product Declaration (HPD), and other "Green Building" program reports.

TECHNICAL DATA:

Chemical Type:	Acrylic Resin
Freeze Point:	32° F/0° C
Typical Coverage:	150 - 200 Square Feet Per 40 lb Kit (The coverage rate will vary depending on surface texture, porosity, and the volume of the material applied.)
Typical Dry Time:	2 to 4 Hours
Installation Temperature: (Ambient & Surface Temp.)	45° F - 95° F < 80% Humidity
Drying Methods:	By Evaporation, Forced Heat or Forced Air Will Accelerate Drying
Flash Point:	Non-Flammable
Recycled Content:	< 25 %
VOC Content:	< 10 Grams/Liter

For Technical Assistance:
Contact your retailer or call
(602) 305-9397

**Store at room temperature. Keep
from freezing or extreme heat.**



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