

POLY-CRETE® MDC

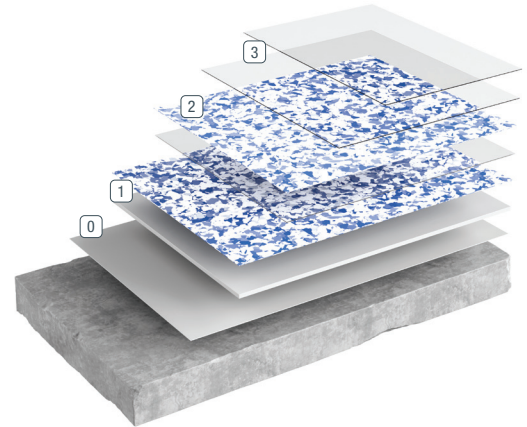
Poly-Crete MDC is a self-priming 3/16"-1/4", 100% solids, aromatic, cementitious urethane concrete coating system with a decorative chip broadcast.

BENEFITS

- Abrasion resistant — Performance topcoat delivers superior toughness
- Chemical resistant — High-quality topcoat for superior wear and chemical resistance
- Moisture mitigating — Installs in more environments, including those with high salts and moisture levels up to 99% RH
- Decorative — Multiple blends of macro or micro vinyl chip blends for a unique look

USES

- Pharmaceutical plants
- Food and beverage processing plants
- Production/manufacturing areas



0 Primer

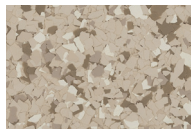
1 Base Coat

2 Broadcast

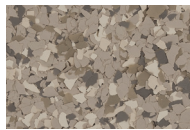
3 Grout/Seal Coat



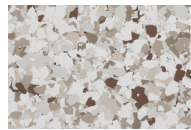
FEATURED COLORS



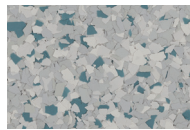
Flaxseed



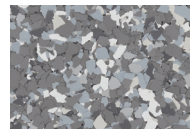
Ocelot



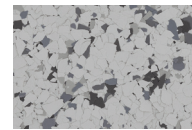
Almond Milk



Agave



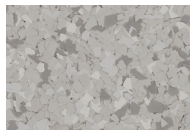
Meteorite



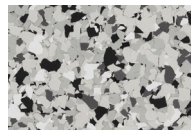
Husky Gray



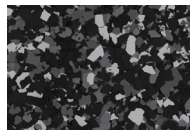
Chinchilla



Limestone



Mackerel



Black Bean



Burnt Wood



Moon

Unlimited standard and custom blends available. Please see Deco Flake Color Cards for the extensive collection of standard blends or use our Flooring Visualizer Tool to create your own custom blend at floorvisualizer.sherwin-williams.com. This reproduction approximates the actual color. Factors such as the type of product, degree of gloss, texture, size and shape of the area, lighting, heat or method of application may cause color variance. Contact your Sherwin-Williams representative for details.

ABOUT CHEMICAL RESISTANCE

Sherwin-Williams High Performance Flooring offers a broad range of systems to accommodate nearly every industrial, commercial and institutional setting. Each flooring system includes a standard chemical-resistant topcoat or surface proven to perform under typical conditions.

Important considerations:

- The combination of cleaning solutions, sanitizing chemicals, processing substances and products found in any operational setting is unique.
- Knowing exactly which materials are present — as well as their concentrations and typical exposure times before cleanup — is critical for proper flooring system selection.
- During the specification process, a flooring system's standard chemical-resistant topcoat may get replaced with one better suited to unique facility conditions.

The ability of a flooring system to perform as designed relies heavily on proper selection. Matching each use case with the right chemical-resistant flooring is key to having a facility looking great and functioning at peak level over the long term.

See our Chemical Resistance Guide and other technical resources on our website. Connect with a Sherwin-Williams High Performance Flooring expert for help with specifying an optimal flooring system for your facility.

TYPICAL PHYSICAL PROPERTIES

Hardness (Shore D), ASTM D-2240	75-80
Compressive Strength, ASTM C-579	12,500 psi
Tensile Strength, ASTM D-638	4,000 psi
Flexural Strength, ASTM D-790	6,250 psi
Adhesion to Concrete, ASTM D-4541	> 400 psi substrate fails
Impact Resistance, MIL-D-3134	> 160 in.-lbs.
Abrasion Resistance CS-17 Wheel 1000 GM Load 1,000 Cycles, ASTM D-4060	4 mg loss (gloss finish with grit)
Static Coefficient of Friction*, ANSI B101.1	> 0.6
Dynamic Coefficient of Friction - Wet*, ANSI A326.3	> 0.42
VOC Content	0 g/L
Heat Resistance Limit	200°F
Water Absorption, ASTM D-570	0.04%
Indoor Air Quality	Compliant to CA 01350 - CDPH v1.1-2010

*Sherwin-Williams High Performance Flooring systems can be built to meet or exceed the requirements of Static or Dynamic Coefficient of Friction testing per installation. Contact your Sherwin-Williams territory sales manager or tech representative for more information on alternative textures, grit/grip additives, or smooth coatings for your specific environment. A sample should always be obtained and tested prior to purchase for any non-slip flooring system.

THE SHERWIN-WILLIAMS DIFFERENCE

Sherwin-Williams High Performance Flooring delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe.

United States & Canada

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