

POLY-CRETE® MD

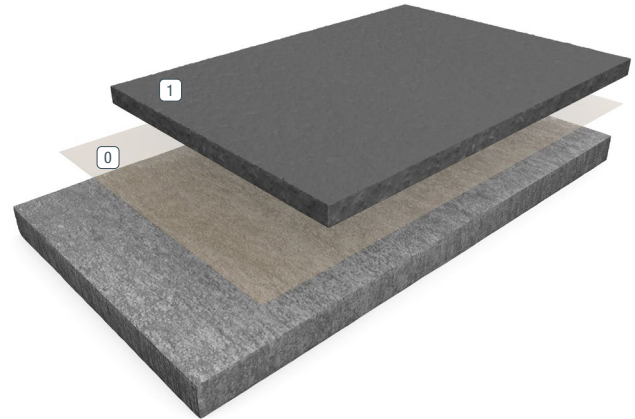
Poly-Crete MD is a 3/16"-1/4", 100% solids, aromatic, cementitious urethane concrete coating system. It is blended with graded silica and fine fillers to produce a self-leveling matte finish of uniform color. Poly-Crete MD is self-priming and doesn't require a topcoat. Its coefficient of thermal expansion is similar to concrete, making it very thermal shock resistant.

BENEFITS

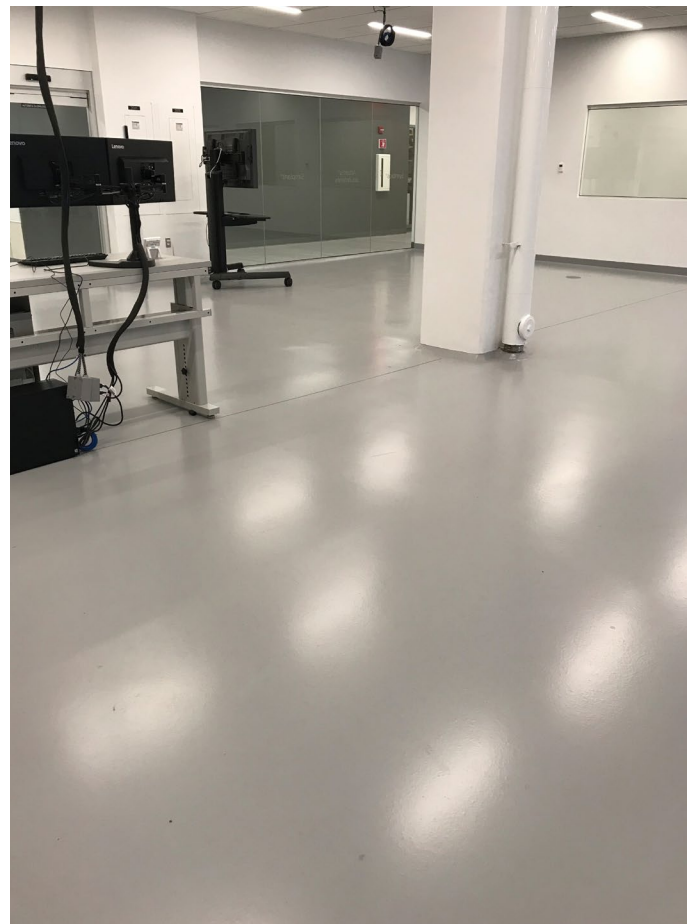
- Moisture mitigating — Installs in more environments, including those with high salts and moisture levels up to 99% RH
- Thermal shock resistant — Usable in harsh environments with high thermal cycling or rapid changes in temperature
- Durable — Long-lasting high value flooring
- High traffic — Withstand traffic of a busy facility

USES

- Dry goods manufacturing
- Warehouses
- Pharmaceutical
- Manufacturing/production areas



- 0 Primer
- 1 Base Coat



FEATURED COLORS



Blue



Grey



Charcoal



Chestnut



Dark Grey



Green



Red

Please see the Resufloor Standard Industrial Color Card for details or envision a color in your space using our Flooring Visualizer Tool 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 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	85
Compressive Strength, ASTM C-579	8,990 psi
Tensile Strength, ASTM D-638	2,175 psi
Tensile Strength, ASTM C-307	1,000 psi
Impact Resistance @ 125 mils, MIL D-3134	> 160 in-lbs.
Flexural Strength, ASTM D-790	5,075 psi
Flexural Strength, ASTM C-580	2,400 psi
Abrasion Resistance CS-17 Wheel 1000 GM Load 1,000 Cycles, ASTM D-4060	50 mg loss
Static Coefficient of Friction, ASTM D-2047	> 0.6
VOC Content	0 g/L
Indoor Air Quality	Compliant to CA 01350 - CDPH v1.1-2010

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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