

POLY-CRETE® HF

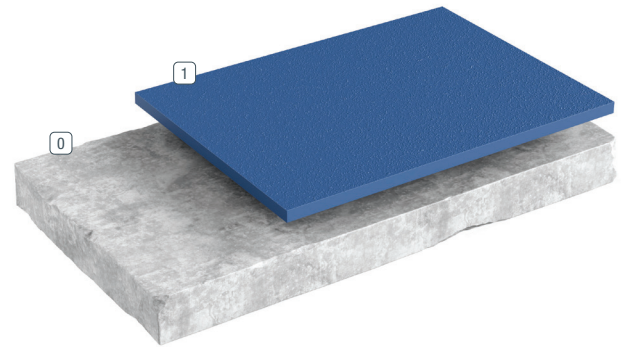
Poly-Crete HF is a 100% solids, aromatic, cementitious urethane concrete coating system. It is a solid color, trowel-applied floor system designed to withstand aggressive chemical and thermal attack while providing abrasion resistance. Its coefficient of thermal expansion is similar to concrete, making it very resistant to thermal shock.

BENEFITS

- Wear/chemical resistance — High-quality system for superior wear and chemical resistance
- Thermal shock resistant — Usable in harsh environments with high thermal cycling or rapid changes in temperature
- Abrasion resistant — Offering protection from unsightly scratches
- Strength — Offering the highest level of durability
- Non-slip — Offering traction and promoting safety

USES

- Bottling areas
- Manufacturing areas
- Food processing areas



0 Primer (optional)

1 Mortar



FEATURED COLORS



Blue



Grey



Charcoal



Red



Dark Grey



Green



Chestnut

Standard and custom colors available. 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	7,800 psi
Tensile Strength, ASTM D-638	4,200 psi
Tensile Strength, ASTM C-307	1,000 psi
Tensile Elongation, ASTM D-638	7.5%
Linear Expansion, ASTM C-531	2 x 10 ⁵
Impact Resistance, MIL-D-3134	Greater than 160 in-lbs.
Water Absorption, ASTM D-570	0.04%
Flame Spread/NFPA 101, ASTM E-84	Class C
Flexural Strength, ASTM D-790	5,076 psi
Flexural Strength, ASTM C-580	2,400 psi
Abrasion Resistance, ASTM D 4060 CS-17 Wheel 1000 GM Load 1,000 Cycles, ASTM D-4060	30 mg loss
Static Coefficient of Friction*, ANSI B101.1	> 0.6
Dynamic Coefficient of Friction - Wet*, ANSI A326.3	> 0.42
VOC Content	0 g/L

*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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