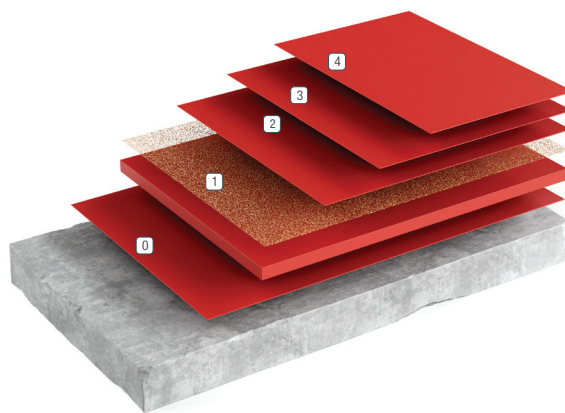


HYBRI-FLEX™ ADVANCED NMP PERFORMANCE EV

14-DAY NMP RESISTANT FLOORING SYSTEM

Sherwin-Williams Hybri-Flex Advanced NMP

Performance EV is a self-leveling urethane concrete applied at 3/16-inch thickness and broadcast to yield a 1/4-inch finished system. In challenging new construction environments, the system can be installed in temperatures as low as 60°F over newly poured concrete. It cures quickly, serving as a highly effective moisture barrier and build coat, while simultaneously resisting exposure to NMP.



0 Optional Primer

2 Grout Coat

1 Moisture Tolerant Build Coat with Full Broadcast 20/40 Mesh Silica Sand

3 NMP-Resistant Topcoat

4 NMP-, Slip- and Abrasion-Resistant

BENEFITS

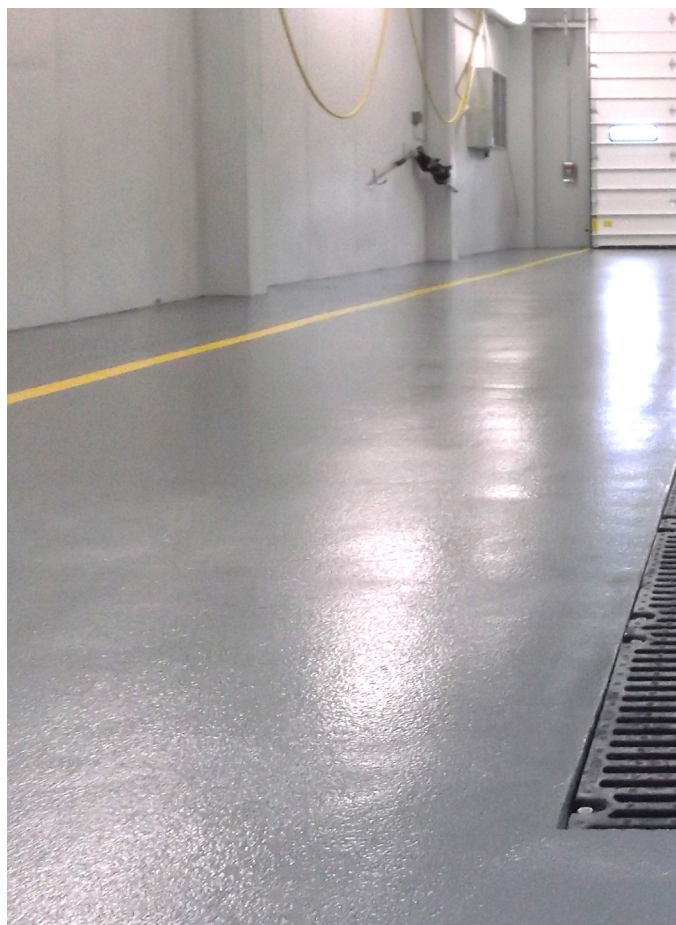
- High chemical resistance, including up to 14 days exposure to NMP when tested to ASTM D1308
- Can be applied to green concrete
- Rapid return to service
- Excellent abrasion resistance
- Low temperature cure
- Will not lose bond due to thermal shock
- Impact-resistant
- Moisture insensitive
- No moisture testing required
- LEED® v4 – Green Building credits available

LIMITATIONS

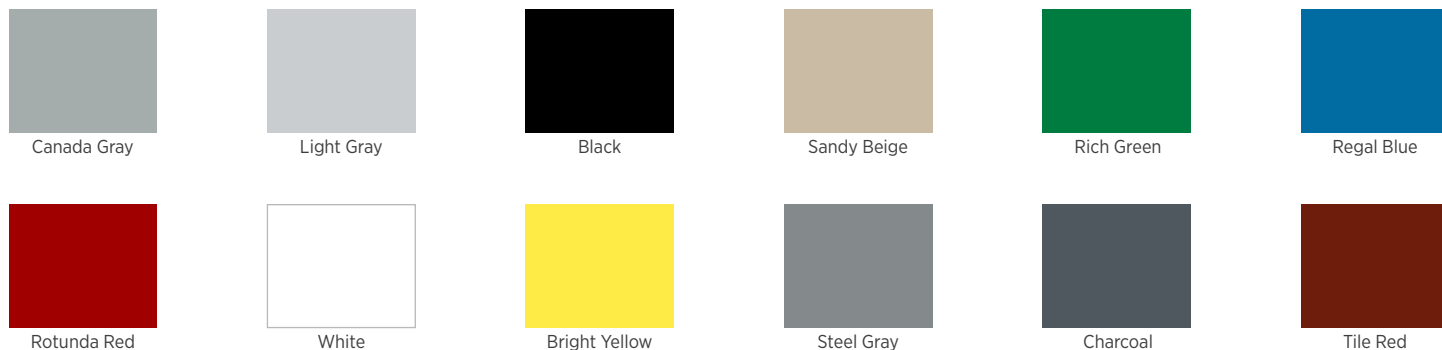
- Protect material from freezing

USES

- EV battery manufacturing facilities
- Formation, cell assembly and cathode operating areas
- Areas with high NMP chemical attack
- Waste and chemical storage areas



FEATURED COLORS



Standard and custom colors available. Please see the Hybri-Flex Advanced NMP Performance EV 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 a 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

Abrasion Resistance ASTM D 4060, CS-17 Wheel, 1,000 cycles	5.1 mg/loss Result based on independent lab testing of Resutile™ HTS
Hardness, Shore D ASTM D 2240	80
Tensile Strength ASTM C 307	1000 psi
ASTM D 638	2,175 psi
Compressive Strength ASTM C 579	8,990 psi
Flexural Strength ASTM C 580	2,400 psi
Flexural Strength ASTM D 790	5,075 psi
Adhesion ASTM D 7234	Concrete substrate failure
Dynamic Coefficient of Friction (DCOF) ANSI A326.3 -2017	0.72
Chemical Resistance ASTM D1308 Method B	NE; 14 days

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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HIGH PERFORMANCE FLOORING
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