



RESUTILE HPS 100 – GLOSS GP4641 **RESUTILE HTS 100 – SATIN** GP4640 **HIGH PERFORMANCE URETHANE TOPCOATS**

Sherwin-Williams Resutile HPS 100 Gloss and Resutile HTS 100 Satin aliphatic urethanes lead the industry in high performance flooring topcoat protection.

BENEFITS



Versatile

be applied over a wide range of basecoats, and the clear base can be tinted to create colored floors, safety markings or aesthetic designs.



Sustainable

Coating is ultra-high solids and LEED® v4.1 certified for Indoor Environmental Quality – Low-Emitting Materials, Paints and Coatings, enabling projects to earn Green Building credits.



Impressive Durability

Excellent abrasion resistance and wear properties proven by ASTM laboratory testing and decades of use in heavy-duty environments.



Outstanding Chemical Resistance

Upon reaching full cure, the proprietary two-component formula furnishes excellent resistance to many industrial chemicals, including vehicle and aviation fluids.

HIGHLIGHTS

Industry-leading performance

100% Aliphatic; non-yellowing
and color-stable

Customizable slip-resistance

Extends the life of flooring systems

Gloss and semi-gloss offered in clear,
with choice of standard or custom
color packs.

DESIGNED TO PERFORM

[sherwin-williams.com/resin-flooring](https://www.sherwin-williams.com/resin-flooring)

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CHEMICAL RESISTANCE PROPERTIES

REAGENT	1 DAY	7 DAYS
Hydrochloric Acid	E	E
Hydrochloric Acid 30% (Murlatic)	E	E
Nitric Acid 10%	G	P
Phosphoric Acid 50%	G	G
Sulfuric Acid 37% (Battery Acid)	E	G
Acetic Acid 10%	E	E
Citric Acid 10%	E	E
Oleic Acid	E	E
Ammonia Hydroxide 10%	E	E
Sodium Hydroxide 50%	E	E
Ethylene Glycol (Antifreeze)	E	E
Isopropyl Alcohol	G	G
Methanol	G	F
D-Limonene	E	E
JP-4 Jet Fuel	E	E
Gasoline	E	E
Mineral Spirits	E	E
Xylene	E	E
Methylene Chloride	P	P
MEK	F	F
PMA	E	G
Ammonium Nitrate 20%	E	E
Brake Fluid	E	E
Bleach	E	E
Motor Oil (SAE 30)	E	E
Skydrol® 500B	E	E
Skydrol® LD4	E	E
Sodium Chloride 20%	E	E
1% Tide® Laundry Soap	E	E
10% Trisodium Phosphate	E	E
Coffee	E	E
Coke®	E	E
Ketchup	E	E
Mustard	G*	G*
Red Wine	E	G*
3M™ DuraPrep™	G*	F
Purdue Betadine Solution	G*	G*

ASTM D1308 Test Method 3.1.1 spot test, covered. Results are based on one-day, seven-day, and two weeks. Coating cured 2 weeks prior to testing.

E = Excellent (No Adverse Effect) – Recommended
G = Good (Limited Adverse Effect) – Use for short-term exposure only
F = Fair (Moderate Adverse Effect) – Not recommended
P = Poor (Unsatisfactory) – Little or no resistance to chemical

*only adverse effect was staining

NOTE: Reduced chemical resistance and staining is possible in pigmented version of the system

SERVICE THAT STANDS OUT

The Products You Need Right Now

Get the products you need with same-day or next-day delivery, in addition to local inventory at more than 4,750 company-owned distribution points.

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.

STANDARD COLORS



Computerized custom color matching available upon request. 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.

PRODUCT CHARACTERISTICS

Color	Clear
Mix Ratio	1:1 by unit
Volume Solids	91.60%, mixed (ASTM D2369)
Weight Solids	91.34%, mixed (ASTM D2369)
VOC (ASTM D3960)	7 g/L; 0.06 lb/gal

RECOMMENDED SPREADING RATE PER COAT

	MINIMUM	MAXIMUM
Wet mils (microns)	3.2 (80)	3.2 (80)
Dry mils (microns)	2.9 (73)	2.9 (73)
Coverage sq ft/gal (m²/L)	500 (12.3)	500 (12.3)

PERFORMANCE CHARACTERISTICS

TEST NAME	TEST METHOD	RESULTS*
Abrasion Resistance	ASTM D4060, CS-17 wheel, 1000gm load 1000 cycles	HPS 100 Gloss 14.9 mg loss HTS 100 Satin 11.7 mg loss
Coefficient of Friction	ASTM D2047	0.61
Elongation	ASTM D2370	6%
Flammability	ASTM D635	182 mm/min
Koenig Hardness, 3 mil film (resin only)	ASTM D4366	171.3
Tensile Strength	ASTM D2370	6,250 psi
Water Absorption, 24-hour immersion	ASTM D570	1.81%
Dry DCOF SBR Rubber Slider	ANSI A326.3-2017	HPS 100: 0.82 HTS 100: 0.72

*Results are based on conditions at 77° F (25° C)

Technical Service for Optimal Applications

Our technical service team is comprised of industry experts armed with manufacturer equipment training to ensure proficiency throughout the entire coating process.