

5085 LO Low Odor Ultra-High Solids Polyaspartic Technical Data Sheet

Product Description:	5085 LO Low Odor Ultra-High Solids Polyaspartic is formulated for those seeking durability and aesthetics with low odor during application, making it ideal for sensitive applications. With 85% solids content, it offers exceptional scratch resistance, a stunning high-gloss finish, and self-leveling properties. Designed for ease of application, its extended pot life and UV stability make it the perfect choice for residential, commercial, and industrial flooring applications. It is the perfect final topcoat for Roll on Rock®, Lavaflow®, quartz, or solid color applications.		
Applications	<div><div>• Residential Floors</div><div>• Commercial Floors</div></div> <div><div>• Industrial Floors</div><div>• Exterior Applications</div></div>		
Advantages	<div><div>• Low Odor</div><div>• High-Build High-Gloss</div></div> <div><div>• Compatible with Universal Pigment Packs</div></div>		
Limitations	<div><div>• Products are combustible; all sources of ignition should be turned off, and proper ventilation should be used</div></div> <div><div>• Requires Moisture Vapor Primer for on-grade slabs with MVE of 3 Lbs or higher</div></div> <div><div>• Will not bridge cracking</div></div>		
Packaging	<div><div>• 2 Gallon Kit</div></div> <div><div>• 10 Gallon Kit</div></div>		
Storage	Store materials indoors between 50°F & 75°F		
Shelf Life	One year from the date of manufacture		
Coverage Rates	<div><div>Over Smooth Surface</div><div>150 Ft / Gal @ 10.7 Mils Wet Film</div></div> <div><div>Over Flake System</div><div><div><div>1/4" Flake</div><div>150 Ft / Gal</div></div><div><div>1/8" Flake</div><div>140 Ft / Gal</div></div><div><div>1/16" Flake</div><div>125 Ft / Gal</div></div></div></div>		
Colors	<div>Clear</div> <div></div>		



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Technical Properties	5085 Low Odor	
Volumetric Mix Ratio	1A:1B	
Volumetric Solids	85%	
Voc	<200 g/L	
Pot Life @ 75°F	35 Mins ±	
Application Temperature	35-75°F	
Application Humidity	0-65%	
Working Time @ 75°F	45 Mins	
Dry To Touch @ 75°F	3-5 Hours	
Recoat Window	5-8 Hours	
Full Cure	5-7 Days	
Shore D Hardness	ASTM 75-80	
Abrasion Resistance	ASTM D4060	
Adhesion	ACI 503R	
Flammability	Combustible	
Chemical Resistance		
Acetone	No Effect	
Xylene	No Effect	
10% Hcl	No Effect	
Ammonia	No Effect	
Degreaser	Faint Spotting	
Liquid Plumber	No Effect	
Vinegar	No Effect	
Clorox	No Effect	
Windex	No Effect	
Motor Oil	No Effect	
Gasoline	No Effect	
Skydrol	No Effect	
Hot Tire	No Effect	



Clean-Up

Immediately clean up splatter marks and tools with MEK or Acetone. Clean hands and exposed skin with mild soap and water and citrus-based hand cleaners.

Maintenance

Maintain 5085 LO to a minimum of 4 mils dry film.

Disclaimer

All information provided in this technical data sheet is based on laboratory data. It is the responsibility of the customer to test the material for their application and conditions prior to using the product.

Temperature

The product was tested at ambient temperature (75°F - 77°F). Results WILL vary when the product is used at temperatures different from the testing temperature. The pot life, gel time, and cure time are generally longer for colder-temperature applications and shorter for higher-temperature applications. Physical properties are also impacted and dependent upon temperature.

Slip Resistance

OSHA and the American Disabilities Act (ADA) have set enforceable standards for slip resistance on pedestrian surfaces. The current coefficient of friction required by ADA is .6 on level surfaces and .8 on ramps. Versatile High-Performance Coatings recommends using angular slip-resistant aggregate in all coatings or flooring systems exposed to wet, oily, or greasy conditions. It is the contractor and end users' responsibility to provide a flooring system that meets current safety standards. Versatile High-Performance Coatings or its sales agents will not be responsible for injury incurred in a slip-and-fall accident.

Warranty

Versatile High-Performance Coatings guarantees that this product is free from manufacturing defects and complies with our published specifications. If the buyer proves that the goods received do not conform to these specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the defective material at the option of the seller. Versatile High-Performance Coatings (herein referred to as "seller") makes no warranty, expressed or implied, regarding the use of its products. Since use of this product is beyond the seller's control, the buyer assumes all risk of use. Seller's obligation shall be to replace material if found defective. Seller shall not be liable for any damage, injury, loss, direct or consequential, resulting from the use of its products. End user must determine if substrate is suitable for coating application before installing.

Technical Services

Technical services can be obtained by contacting Versatile High-Performance Coatings directly at 214-807-6878.

