

5375 Chemical Resistant Urethane Technical Data Sheet

Product Description:	5375 Chemical-Resistant Urethane (CRU) Floor Coating is a durable, two-component coating engineered for industrial concrete floors. It delivers excellent chemical resistance, superior cleanability, and a high-quality finish. Ideal for a wide range of commercial and industrial environments, 5375 is well-suited for commercial kitchens, warehouses, manufacturing facilities, food processing plants, automotive workshops, laboratories, and distribution centers. 5375 is also compatible with our High Traffic additive for enhanced floor durability.		
Applications	• Residential Floors • Industrial Floors • Commercial Floors		
Advantages	• Chemical Resistant • SCAQMD Complaint • High-Gloss • Compatible with CRU Pigment Pack Only • Compatible with High Traffic Additive		
Limitations	• Products are combustible; all sources of ignition MUST be turned off during installation, and proper ventilation should be used • Requires Moisture Vapor Primer for on-grade slabs with MVE of 3 Lbs or higher • Will not bridge cracking		
Packaging	• 1.5 Gallon Kit • 15 Gallon Kit		
Storage	Store materials indoors between 50°F & 75°F		
Shelf Life	One year from the date of manufacture		
Coverage Rates	Over Smooth Surface 250 Ft / Gal @ 5.3 Mils Wet Film Over a Sealed Flake System 1/4" Flake 1/8" Flake 1/16" Flake 175 Ft / Gal 150 Ft / Gal 150 Ft / Gal		



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Technical Properties	5375
Volumetric Mix Ratio	2A:1B
Volumetric Solids	64%
VOC	<50 g/L
Pot Life @ 75°F	60 Mins ±
Application Temperature	35-75°F
Application Humidity	0-65%
Working Time @ 75°F	45 Mins
Dry To Touch @ 75°F	1-2 Hours
Recoat Window	6-12 Hours
Full Cure	5-7 Days
Adhesion ACI 503R	350 PSI
Flammability	Combustible
Chemical Resistance	
Acetone	No Effect
Xylene	No Effect
10% Hcl	Faint Spotting
Ammonia	No Effect
Degreaser	Faint Spotting
Liquid Plumber	No Effect
Vinegar	Faint Spotting
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.

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

Slip resistance of a finished surface is influenced by multiple factors, including surface texture, aggregate selection, application method, environmental conditions (wet or dry), and ongoing maintenance. Versatile sells slip-resistant additives and recommends using angular slip-resistant aggregate in all coatings or flooring systems exposed to wet, oily, or greasy conditions. It is the contractor's professional responsibility to evaluate the installation environments 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.

