

# 1009 Liquid Quartz Technical Data Sheet

## PRODUCT DESCRIPTION

1009 Liquid Quartz is an interior grade, multi-component, 100% solids high gloss epoxy flooring system. When installed using the recommended steps, below, the 1009 Liquid Quartz system provides a high performance traffic surface with modern, upscale aesthetics. It is an economical, quick-turnaround system enabling faster application using fewer installation steps and man hours, when compared to standard epoxy quartz flooring. In addition, the surface allows for virtually undetectable repair of minor damage when needed. 1009 Liquid Quartz offers cost-effective flooring to the residential, commercial, or institutional markets with impressive durability and beautiful designer style. 1009 Liquid Quartz is self-sealing and does not require a separate topcoat. However, an additional polyaspartic topcoat application is recommended for protection against scuffing, walk off patterns, UV resistance and a long-lasting floor.

## COMPONENTS:

- 4195 Pigmented Epoxy Primer-Basecoat
- 1009 Liquid Quartz System
- Optional clear protective finish 5085 Polyaspartic

## ADVANTAGES

- High Solids, low VOC
- Low odor
- High gloss
- Excellent resistance to most chemicals
- High Build
- Self Levelling
- Faster Installation than traditional quartz broadcast method

## LIMITATIONS

- Requires moisture/vapor barrier basecoat for at-grade concrete surfaces.
- Will discolor and become yellow under direct UV exposure (sunlight and fluorescent lighting)
- Will not bridge cracking.

## AREAS OF USE

- Garage Floors
- Residential Floors
- Decorative Concrete Floors
- Industrial Floors
- Commercial Floor
- Retail Floors

## COLORS AND FINISH

- Seven Standard Slurry powders to choose.
- Smooth High Gloss Film

## PACKAGING

- 1-1/2 gallon unitized kit
- Available in 5-gallon bulk kits for each component
- 18-lb. boxes of slurry powder

## RECOMMENDED COVERAGE RATES

THICKNESS	APPROXIMATE COVERAGE RATE PER GALLON
60 mils	30 ft <sup>2</sup>
70 mils	25 ft <sup>2</sup>
80 mils	20 ft <sup>2</sup>

## AVAILABILITY AND COST

Versatile Building Products supplies these materials direct and, all prices, install guides, etc. are viewable online at [www.versatile.net](http://www.versatile.net).

## INSTALLATION

Refer to manufacturers detailed System Installation Guide.

## TECHNICAL PROPERTIES

Volumetric Mix Ratio (A: B)	2:1
	Slurry Powder: 18 lbs.
% Solids	99 %
VOC	<20 g/L
Pot Life (75°F, 2-gal mass)	45 mins
Cure Time	
Dry to Touch	6 - 8 hours
Recoat Window	8 - 24 hours
Full Cure	5-7 days
Shore D Hardness (ASTM D2240)	75-80
Abrasion (ASTM D4060)	<10 mg lost
Adhesion (ACI 503R)	350 psi (100% concrete failure)



## 1009 Liquid Quartz Technical Data Sheet

### Chemical Resistance

Acetone	No Effect
Xylene	No Effect
10% HCl	No Effect
Ammonia	No Effect
Skydrol	No Effect
Vinegar	No Effect
Degreaser	Faint Spotting
Liquid Plumr	No Effect
Clorox	No Effect
Windex	No Effect
Motor Oil	No Effect
Gasoline	No Effect
Hot Tires	No Effect

### TEMPERATURE

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

### MAINTENANCE

Maintain the 1009 Liquid Quartz to a minimum thickness of 60 -80 dry mils. If the 1009 is damaged, it can be repaired by sanding the surface, cleaning and then recoating the area with same materials.

### 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.

### SLIP RESISTANCE

OSHA and the American Disabilities Act (ADA) have now 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 Building Products Inc. recommends the use of angular slip-resistant aggregate in all coatings or flooring systems that may be 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 Building Products Inc. or its sales agents will not be responsible for injury incurred in a slip and fall accident.

### WARRANTY

Versatile Building Products Inc guarantees that this product is free from manufacturing defects and complies with our published specifications. In the event that 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 Building Products Inc (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 direct at 714-829-2600.