

PRODUCT DATA

9 09 67 23 **Resinous
Flooring****DEGADUR® R71™****Industrial strength methyl-methacrylate topcoat
resin for standard and decorative floors****Description**

DEGADUR® R71™ is a Methyl-Methacrylate topcoat resin for use within the SRS DEGADUR® flooring systems. DEGADUR® R71™ is a solvent free, 2-component, 100% reactive resin that is ideal for roller applied coatings and decorative flake or quartz flooring systems. DEGADUR® R71™ is a transparent resin that is ideal for use as a topcoat in flooring systems that utilize decorative flake or quartz broadcast. DEGADUR® R71™ has superior UV resistance, making it an excellent resin for use in exterior or interior applications resulting in a durable, non-chalking surface.

Yield

All coverage rates are approximate. Coverage rates will vary with the desired texture and porosity of substrate. Please refer to individual flooring system data sheets for coverage rate information.

Packaging

4.5 Gallon Pail
47.5 Gallon Drum

Color

Transparent when fully cured.
Material has a blue tint when applied.
See Performance Flooring Color Chart for pigment color offerings.

Features

- Fully cures in one hour
- Transparent Finish
- Superior Chemical Resistance
- Great Abrasion Resistance
- NSF Registered
- Can be applied at 24° F (-4° C) temperatures

Shelf Life

2 years when properly stored.

Storage

Keep stored in cool, dry environment, and out of direct sunlight.

Where to Use

APPLICATION

- Used as a topcoat within the following SRS DEGADUR® flooring systems:
 - Degaclad™ CF
 - Degaclad™ CQ
 - Degaflex™ CF
 - Degaflex™ CQ
 - Degacoat™ RC
 - Degacoat™ FC

Benefits

- Reduction in downtime and rapid return to service
- Ideal as a topcoat for decorative flooring systems
- Can withstand exposure to harsh chemicals
- Durable surface that will not ravel or chalk
- Suitable for incidental food contact (R2)
- Can perform installations in cooler

Please refer to individual flooring system data sheets for application instructions.

Every SRS DEGADUR® flooring system is a multiple component system that utilizes a methyl-methacrylate (MMA) resin. It is critical that the instructions listed in the Material Safety Data Sheet and on the product label for every component of the system be read, understood and followed. MMA resins are flammable liquids in their uncured state. Smoking, open flames or sparks should not be permitted during the handling of the product. Explosion safe ventilation must be used during the application to minimize vapor collection in the installation area and to improve overall air quality for the crew. All foodstuffs must be removed during installation of the flooring system.

Health, Safety and Environmental

Read, understand and follow Material Safety Data Sheets and product labels for all components of this flooring system prior to use. The MSDS can be obtained by searching for them on www.BuildingSystems.BASF.com, e-mailing your request to basfbscst@basf.com or calling 800/433-9517. Use only as directed.

Test Data

PROPERTY	RESULTS	TEST METHODS
Percentage Reactive Resin:	100%	
Percentage Solids:	100%	
Water Absorption, (%/24 hours)	0.04	ASTM D570
Tensile Strength	1,050 psi	ASTM D638
Elongation @ Rupture	34%	ASTM D638
Tensile Modulus	4.4 x 10 ⁵ psi	ASTM D638
Hardness (Shore D)	70	ASTM D2240
Viscosity	230 – 270 cps	ASTM D2393
Electrical Resistivity	10 ¹⁴ vol	ASTM D257
Compressive Strength	6,000 – 8,000 psi	

Please refer to BASF Performance Flooring Chemical Resistance Chart for further information.

Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.

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