

PRODUCT DATA

9 09 67 23 **Resinous
Flooring****DEGADUR® R61™****Industrial strength methyl-methacrylate resin for
standard and decorative floors****Description**

DEGADUR® R61™ is a methyl-methacrylate overlay and coating resin for use within the SRS DEGADUR® flooring systems. DEGADUR® R61™ is a solvent free, 2-component, 100% reactive resin that is ideal for roller applied coatings and decorative flake or quartz flooring systems. DEGADUR® R61™ can also be mixed with the DEGADUR® Filler SL to create a self-leveling formulation that reduces application time. DEGADUR® R61™ is a transparent resin that can be pigmented using the DEGADUR® Pigment.

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 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
- Great color stability
- Installation Flexibility
- NSF registered
- Can be applied at 24° F (-4° C)

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 an overlay or coating within the following SRS DEGADUR® flooring systems:
 - Degaclad™ CF
 - Degaclad™ CQ
 - Degaclad™ CP
 - Degacoat™ RC
 - Degacoat™ FC

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

Benefits

- Reduction in downtime and rapid return to service
- Provides superior resistance to ambering
- Can be applied by trowel, roller or self-leveling
- Suitable for incidental food contact (R2)
- Can perform installations in cooler temperatures

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 basfbcsst@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
	1,450 psi (filled)	ASTM D638
Elongation @ Rupture	34%	ASTM D638
Tensile Modulus	4.4×10^5 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 (filled)	

® = registered trademark

DEGADUR® = trademark of Evonik Röhm GmbH, Darmstadt / Germany

BASF Construction Chemicals, LLC – Building Systems

889 Valley Park Drive
Shakopee, MN, 55379

www.BuildingSystems.BASF.com

Customer Service 800-433-9517
Technical Service 800-243-6739



LIMITED WARRANTY NOTICE: Every reasonable effort is made to apply BASF exacting standards both in the manufacture of our products and in the information which we issue concerning these products and their use. We warrant our products to be of good quality and will replace or, at our election, refund the purchase price of any products proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, BASF MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and BASF shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith. Any authorized change in the printed recommendations concerning the use of our products must bear the signature of the BASF Technical Manager.

This information and all further technical advice are based on BASF's present knowledge and experience. However, BASF assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights. In particular, BASF disclaims all CONDITIONS AND WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and BASF shall NOT BE RESPONSIBLE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES (INCLUDING LOSS OF PROFITS) OF ANY KIND. BASF reserves the right to make any changes according to technological progress or further developments. It is the customer's responsibility and obligation to carefully inspect and test any incoming goods. Performance of the product(s) described herein should be verified by testing and carried out only by qualified experts. It is the sole responsibility of the customer to carry out and arrange for any such testing. Reference to trade names used by other companies is neither a recommendation, nor an endorsement of any product and does not imply that similar products could not be used.

For professional use only. Not for sale to or use by the general public.

Form No. 1032481 11/08
Printed on recycled paper including 10% post-consumer fiber.

© 2008 BASF
Printed in U.S.A.