

UVolve[®] Seal Coat 1613

Product Description

UVolve[®] Seal Coat 1613 is a high-gloss single coat system that is directly applied to concrete.

Packaging

5 gallon metal pail. Net content 18 kg (~4.3 gallon).

Storage & Safety

Store indoors at 41 – 85°F. Protect from sunlight. Please reference Material Safety Data Sheet for more details on personal protective equipment and material handling.

Re-test Date

1 year after production date.

PROPERTY	METHOD	RESULT
Coverage Rates	-	400 ft ² /gal
Recommended Film Thickness	-	4 mils
Solids	-	100% Wt.
VOC Content	ASTM D5403	Near zero
Viscosity (#3 Zahn Cup)	ASTM D4212	21 sec
Specific Gravity	ASTM D1475	1.12
Appearance	Visual	Clear
MEK Resistance	ASTM D5402	>200 Double Rubs
Permeability to Water Vapor (g/m ² ·24h·mmHg) based on 3 mil film	ASTM D1653 Method A	0.5
Linear Coefficient of Thermal Expansion (1/°C x 10 ⁻⁴)	Internal Method	1.5 (40°C), 1.1 (0°C)
Pencil Hardness	ASTM D3363	H
60° Gloss	ASTM D523-08	90
Adhesion to Concrete (lb/in ²)	ASTM D4541	> 600 (concrete failure)
Coefficient of Friction (James Machine)	ASTM D2047-04	0.6
Abrasion Resistance (1000 cycles, C17, 1000 g)	ASTM D4060	30 – 40 mg

**DSM Functional Materials
Floor Coatings Group**

in North America

1122 St. Charles Street
Elgin, Illinois 60120
USA
Phone: +1.866.394.4858
Email: info.floorcoatings@dsm.com

in Europe

Slachthuisweg 30
3150 XN Hoek van Holland
The Netherlands
Phone: +31.174.315.379
Email: info.floorcoatings@dsm.com

Visit us online at www.UVolveCoatings.com

NOTICE : UVolve® Instant Floor Coatings are a trademark of Royal DSM N.V. The information presented herein is based on generally accepted analytical and testing practices and is believed to be accurate. However, DSM Desotech Inc. (doing business as DSM Functional Materials) expressly disclaims any product warranties which may be implied, including warranties of merchantability and/or fitness for a particular purpose. DSM Desotech's products are sold subject to DSM Desotech's standard terms and conditions of sale, copies of which are available upon request. Purchasers are responsible for determining the suitability of the product for its intended use and the appropriate manner of utilizing the product in purchaser's production processes and applications so as to insure safety, quality and effectiveness. Purchasers are further responsible for obtaining necessary patent rights to practice any invention in connection with the use of purchased product and any other product or process. DSM Desotech reserves the right to changes specifications of their products without notice. © 2011 DSM IP ASSESTS B.V. All rights reserved.