

UVolve® Clarity High Gloss System

UVolve® Instant Floor Coatings are a fast, high-performance and eco-friendly floor coating solution for a variety of facilities. The UVolve® Clarity High Gloss System is our high performance clear system with a high-gloss finish.

| UVOLVE® HIGH GLOSS TOPCOAT 1413 | | |
|--|---------------------|--|
| 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) | ASTM D1653 Method A | 0.5 |
| Linear Coefficient of Thermal Expansion (/ [°] 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 |
| Intercoat Adhesion (to UVolve® Primer 1204) | ASTM D3359 | 100% |
| Coefficient of Friction (James Machine) | ASTM D2047-04 | 0.6 |
| Abrasion Resistance (1000 cycles, C17, 1000 g) | ASTM D4060 | 30 - 40 mg |

* Based on 3 mil film.

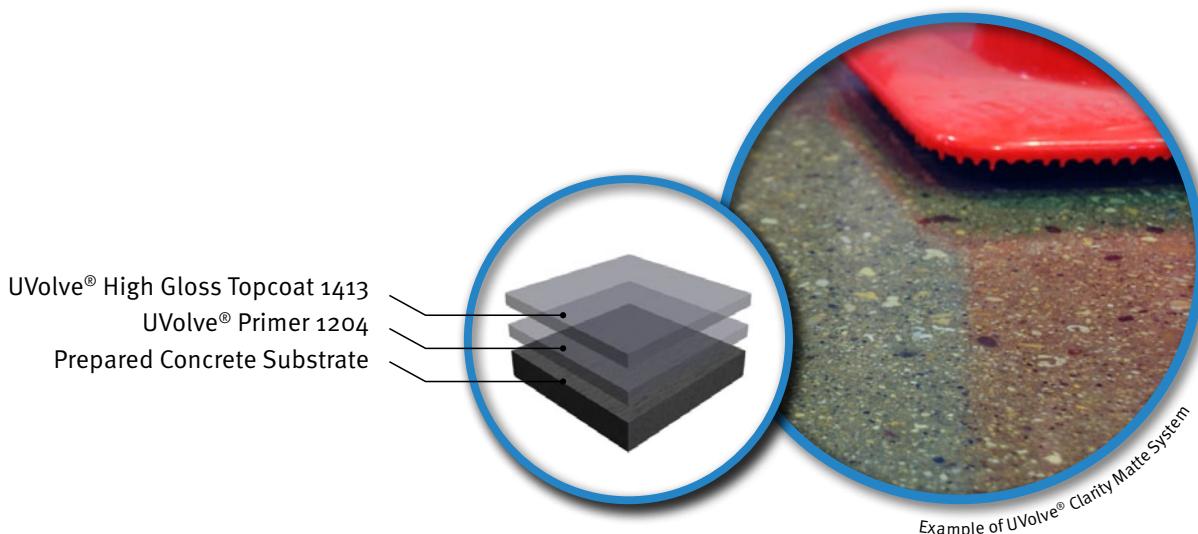
| UVOLVE® PRIMER 1204 | | |
|--|---------------------|--|
| PROPERTY | METHOD | RESULT |
| Coverage Rates | - | 200 ft ² /gal |
| Recommended Film Thickness | - | 8 mils |
| Solids | - | 100% Wt. |
| VOC Content | ASTM D5403 | Near zero |
| Viscosity (#4 Zahn Cup) | ASTM D4212 | 52 sec |
| Specific Gravity | ASTM D1475 | 1.13 |
| Appearance | Visual | Slightly hazy |
| Intercoat Adhesion (over itself or to properly applied and cured UVolve® color coatings and topcoat) | ASTM D3359 | 100% |
| Permeability to Water Vapor* (g/m ² ·24h·mmHg) | ASTM D1653 Method A | 0.3 |
| Linear Coefficient of Thermal Expansion (/ [°] C x 10 ⁻⁴) | Internal Method | 1.7 (40 [°] C); 1.1 (0 [°] C) |
| Adhesion to concrete (lb/in ²) | ASTM D4541 | > 600 (concrete failure) |

* Based on 3 mil film.

| CHEMICAL | 24 HOURS | 7 DAYS |
|--|-----------|-----------|
| SOLVENTS & INDUSTRIAL CHEMICALS | | |
| Brake Fluid | Excellent | Excellent |
| Motor Oil | Excellent | Excellent |
| Anti-Freeze | Excellent | Excellent |
| Mineral Spirits | Excellent | Excellent |
| Gasoline | Excellent | Excellent |
| Toluene | Excellent | Excellent |
| Skydrol | Excellent | Excellent |
| Bleach | Excellent | Excellent |
| Ethanol | Excellent | Excellent |
| Methanol | Excellent | Excellent |
| Acetone | Excellent | Excellent |
| Isopropanol | Excellent | Excellent |
| Mineral Oil | Excellent | Excellent |
| PM Acetate | Excellent | Excellent |
| ALKALINES | | |
| Salt Water (5%) | Excellent | Excellent |
| Potassium Hydroxide (50%) | Excellent | Excellent |
| Sodium Hydroxide (50%) | Excellent | Excellent |

| CHEMICAL | 24 HOURS | 7 DAYS |
|-------------------------------------|-----------|-----------|
| COMMON PRODUCTS & STAINS | | |
| Laundry Detergent | Excellent | Excellent |
| Tomato Sauce | Excellent | Excellent |
| Mustard | Excellent | Fair |
| Grape Juice | Excellent | Excellent |
| Coffee | Excellent | Excellent |
| Iodine | Excellent | Excellent |
| ACIDS | | |
| Hydrochloric Acid (35%) | Excellent | Fair |
| Acetic Acid (25%) | Fair | Fair |
| Sulfuric Acid (37%) | Excellent | Fair |
| Nitric Acid (70%) | Poor | Poor |
| Citric Acid (70%) | Excellent | Excellent |
| Formic Acid (98%) | Poor | Poor |
| Perchloric Acid (35%) | Excellent | Fair |

*Chemical Resistance was tested according to ASTM D1308.



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

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