BUILDING TRUST

PRODUCT DATA SHEET

Sikagard®-615 DPR

100% Acrylic Coating with Dirt Pickup Resistance (DPR)

PRODUCT DESCRIPTION

Sikagard®-615 DPR is a surface hardening, vapor permeable, tack free, dirt and chemical resistant decorative and protective coating for concrete, masonry, EIFS, and Stucco. Sikagard®-615 DPR is available in light or dark tint bases and can be integrally colored with Colorfast pigments.

USES

Exterior or interior coating for
- Concrete
- Masonry
- EIFS
- Stucco
- Previously applied acrylic-based textured finishes

CHARACTERISTICS / ADVANTAGES

- Resistant to dirt pickup and mildew
- Excellent hiding power
- UV Resistant
- High Durability
- Excellent Adhesion
- Can be applied by brush, roller, or spray applications
- Water base VOC compliant
- Vapor permeable
- Does not create a vapor barrier
- Meets SCAQMD Rule 1113 when colored with Colorfast pigments

PRODUCT INFORMATION

Chemical Base	▪ Binder base: 100% Acrylic polymer ▪ Pigment base: Titanium Dioxide ▪ Water base: VOC compliant
Packaging	60 lb (27.7 kg) net weight in plastic pails
Appearance / Color	Factory tinted to desired color. Flat non-gloss, smooth finish.
Shelf Life	15 months from date of manufacture in original, unopened container.
Storage Conditions	Store dry at 45–95 °F (7–35 °C). Condition material to 60–75 °F (15–24 °C) before using. Protect from direct sunlight and freezing at all times. If frozen, discard. Do not stack more than 3 pails high.
Density	12.37 lb/gal at 68°F (20°C)
pH-Value	8.0-10.0

Freeze-Thaw Stability	Pass at 60 cycles	(ASTM E2485)
Resistance to Weathering	Accelerated Weathering Pass at 5512 hours	(ASTM G153)
	Mildew Resistance Pass at 60 days	(ASTM D3273)
	Moisture Resistance Pass at 28 days	(ASTM D2247)
	Salt Fog Resistance Pass at 600 hours	(ASTM B117)
Abrasion Resistance	Pass at 1000 L	(ASTM D968)
Water Absorption	Pass at 12 psf 45 min	Water Penetration (ASTM E331)

APPLICATION INFORMATION

Coverage

Theoretical yield per coat: 200 - 240 ft^2 (18.6 - 22.4 m^2)/gal/coat. Recommended 'wet' film thickness: 10 mils (0.25 mm)/coat. Recommended 'dry' film thickness: 6 mils (0.15 mm)/coat. Normal coating system is two coats at a total dry film thickness of 12 mils*. Consumption is dependent on porosity of substrate. In addition, allowance must be made for surface profile, unavoidable variation in applied film thickness, loss and waste.
***One coat coverage recommended only for recoating over existing coatings**

Waiting / Recoat Times

Waiting Time (between coats) and Curing Rates	45°F	68°F	85°F
Sikagard®-552W Primer + Sikagard®-615 DPR (50% RH)	—	4 hours	2 hours
Sikagard®-615 DPR (50% RH)	—	8 hours	4 hours
Rain Resistant (75% RH)	—	12 hours	8 hours

Note: Overcoating existing coatings will increase waiting times by 100%

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

All surfaces to be coated must be dry, clean, sound, and frost free with curing compound residues and any other foreign matter removed. An open textured sandpaper like surface is ideal (CSP-3). Where necessary, surfaces should be prepared mechanically by blast cleaning or high speed pressure water jetting. Allow adequate time for drying. For previously coated surfaces, all loose and chalking paint must be removed, and glossy surfaces dulled. A mock up shall be performed to ensure adhesion over any previously coated substrates. Bug holes, cracks or irregularities of substrate should be filled and leveled with SikaTop®, SikaRepair®, SikaQuick® or acrylic surface fillers as appropriate. Moving cracks shall be routed and sealed with a polyurethane sealant before coating.

PRIMING

All porous areas or concrete with excessive porosity should be primed using Sikagard® 552W Primer or SikaLatex® R to allow easy application of Sikagard®-615 DPR.

MIXING

Stir the coating to ensure uniformity using a slow speed (400-600 rpm) drill and 1/2" jiffy style mixing paddle. To minimize color variation when using multiple units, blend two pails of Sikagard®-615 DPR. Use one pail and maintain the second pail to repeat this procedure (boxing) for the entire application.

APPLICATION

Any areas of glass or other surfaces should be masked. Recommended application temperatures (ambient and substrate) 45°-95°F (7°-35°C). Sikagard®-615 DPR can be applied by brush, roller (3/8" Nap Roller recommended), or spray over entire area moving in one direction. Sikagard®-615 DPR Coating exhibits good surface coverage in single application. However, for most uncoated, unprimed surface of concrete, masonry, or drywall, two coats of Sikagard®-615 DPR may be required to obtain adequate hiding of the substrate and best performance. For spray applications, strain the material using a paint strainer. At lower temperatures and high humidity, waiting time to recoat will be prolonged. At higher temperatures, work carefully to maintain a wet edge. As with all coatings, job site mock-ups should always be completed to confirm acceptability of workmanship, material and aesthetics.
NOTE: To achieve a dry film thickness of 12 mils, two coats should be anticipated. For maximum adhesion, (especially on porous substrates) the use of Sikagard® 552W is recommended. Sikagard® 552W primer can be applied by brush or roller. Brushing provides more even and pore free coats and better penetration.

CLEANING OF TOOLS

Water soluble prior to drying. Clean tools and containers with water prior to drying. Cured material can be removed mechanically.

LIMITATIONS

- Ambient and surface temperature must be 45°F (7°C) or higher during application and drying time.
- Provide supplemental heat and protection from precipitation as needed.
- Use only on surfaces that are sound, clean, dry, and free from any residue that might affect the ability of the Sikagard®-615 DPR Coating to bond to the surface.
- Minimum age of concrete prior to the application is 14 days, depending on curing and drying conditions. Moisture content must be below 5%.
- Minimum age of SikaTop®, SikaRepair®, or SikaQuick® prior to application is three days, depending on curing and drying conditions. Moisture content must be below 5%.
- Normal coating system is two coats. One coat coverage is only recommended for recoating over existing coatings.
- Sikagard®-615 DPR Coating should not be applied at relative humidity greater than 90%, or if rain is forecast within the specified rain resistance period.
- Allow substrate sufficient time to dry after rain or other inclement conditions.
- During application, regular monitoring of the wet film thickness and material consumption is advised to ensure that the correct layer thickness is achieved.
- When over-coating existing coatings, compatibility and adhesion testing is recommended.
- Application in direct sunlight in hot weather may adversely affect aesthetics.
- Not designed for use as a vehicular traffic bearing surface.
- Product must be protected from freezing, if frozen discard.
- Sika is not responsible for color correctness after finish has been applied.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

OTHER RESTRICTIONS

See Legal Disclaimer.

ENVIRONMENTAL, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LEGAL DISCLAIMER

- **KEEP CONTAINER TIGHTLY CLOSED**
- **KEEP OUT OF REACH OF CHILDREN**
- **NOT FOR INTERNAL CONSUMPTION**
- **FOR INDUSTRIAL USE ONLY**
- **FOR PROFESSIONAL USE ONLY**

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