



KYGARD ULTRA 215

DESCRIPTION:

KyGard Ultra 215 is a semi-gloss, single-component, water-based, flexible PVDF coating for spray application. It is designed to be a low-build protective coating that provides unsurpassed weathering, abrasion resistance, color fastness, and dirt pick-up resistance.

ADVANTAGES:

- One of the highest reflectivities available in any roof coating
- Higher solids, twice as flexible, and three times the gloss as the leading competitive product
- Exceptional dirt, crack, and biological growth resistance
- Extremely smooth and continuously firm
- Ultra-low VOC content
- Excellent plasticizer migration and bleed resistance
- Can be used over a wide array of roofing and non-roofing substrates

BASIC USES:

KyGard Ultra 215 is a thin film coating that is designed to be applied over primed and unprimed substrates. KyGard Ultra 215 should be utilized wherever long-term durability, dirt resistance, and color fastness is critical. It may be applied over these substrates with the use of high performance acrylic base coat: spray foam, TPO, PVC, EPDM, and asphaltic products such as BUR and Modified Bitumen. KyGard Ultra 215 can also be applied to the following substrates without the elastomeric base coat: primed or prepainted metal, PVC, sealed continuous surfaces, and primed or prepainted wood surfaces.

ENVIRONMENTAL CONDITIONS:

This product cures by water evaporation only. Product must not be applied when the ambient temperature is below 50°F or if there is any possibility it could fall below 32°F within 24 hours of application. Application is not recommended if rain or dew is likely to occur before product dries. In high humidity conditions, late afternoon applications should be avoided as overnight dew formation on uncured surface can cause coating wash-off. On marginal days, multiple applications of thin coats can ensure proper drying before rain or overnight freezes.

WARRANTY:

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

TECHNICAL DATA:

COLOR:	White (custom colors available)
SOLIDS BY WEIGHT:	52 ± 2% (ASTM D-1644)
SOLIDS BY VOLUME:	40 ± 2% (ASTM D-1653)
TENSILE STRENGTH:	1000 ± 50 psi (ASTM D-2370)
ELONGATION:	300 ± 50% (ASTM D-2370)
PERMEABILITY:	3 ± 1 (ASTM D-1653)
VOC:	49g/liter (EPA Method 24)
GLOSS (60 DEGREE):	69%
LOW TEMP FLEXIBILITY:	Pass
REFLECTIVITY:	88% (ASTM C-1549)
EMITTANCE:	.89 (ASTM C-1371)
SRI:	110 (Calculated)
VISCOSITY:	100 ± 10 KU
DENSITY:	10.4 lbs per gallon
PACKAGING:	5 gallon, 55 gallon
FLASH POINT:	None
SHELF LIFE:	24 months unopened (40°F-70°F)
CLEAN UP:	Water

MAINTENANCE:

Periodic maintenance of all American WeatherStar systems and products, including cleaning, is recommended to ensure extended service life and help to improve product performance.

SAFETY INFORMATION:

Read the Safety Data Sheet (SDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

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