

COATINGS

STAYS
STRONG.



KWICKCOAT AC 650

High Quality UV Resistant Waterproofing Liquid Membrane

DESCRIPTION

KWICKCOAT AC 650 is a single component synthetic acrylic resin based waterproof coating. Being a thixotropic and flexible makes it an ideal solution for vertical and horizontal surfaces. It offers excellent UV Resistance and solar reflectivity due to white in colour. Further it gives a cooling effect due to the reflective properties.



PRODUCT BENEFITS

- Requires no mixing or heating, resulting in saving labour cost and application time.
- Forms an impervious and waterproof blanket.
- Ensures durable bond and resists peeling, chipping, hence lasts longer.
- High Resistance to oxidation, UV and ozone.
- Withstands expansion/contraction and deck movements, Resists Crack.

PRODUCT FEATURES

AVAILABLE PACKS



Available in 5, 10 and 20 Kgs Pails.

RECOMMENDED USAGE



TECHNICAL DATA

SPECIFICATION

PROPERTY	TYPICAL VALUE
Appearance	Viscous Liquid
Solid Content	65 + 2%(ASTM – D 1644-03)
Colour	WHITE (can be tintable)
Viscosity (Spindle No: 4/7; RPM: 10/20@25°C)	50000 to 70000 CPS (thixotropic)
Specific Gravity	1.30 + 0.10 (ASTM – D 1475-03)
Curing Time	Approx.48 hours (at 20°C, 50% RH) (ASTM C 4125)*
Drying Time	Approx 2 hours (ASTM D 1640-03)
Hardness Shore A	55 ± 5 (ASTM – D 2240-05)
Resistance to Temperature	Approx. -30 °C to +100 °C
Elongation Break	> 300 % (ASTM – D 2370-98)
Tensile Strength N / mm ²	2.70 (ASTM – D 412-98a)
Water Permeability	Almost zero
UV Resistance	10,000 hrs No deterioration or color fade.(ASTM D 822)
Flash Point	Non-flammable
Chemical Resistance	Good
Insulation Properties	Good
Adhesion Strength N / mm ²	66.00 (ASTM – D 903-98)
Pull Off Test N / mm ²	2.704 (BS 1881:part 207:1992)
Water Vapor Transmission g / h - m ²	0.97 (ASTM E 96-095)

Disclaimers: The information given in this product data sheet is based on laboratory tests and experience which we believe to be correct. Properties quoted are typical and do not therefore constitute a specification. In view of the wide range and variability of substrates, we would advise that our product should be tested by the user to establish suitability for its intended application. E & OE

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DIRECTION TO USE

METHOD OF APPLICATION

WATERPROOFING ON EXTERIOR BITUMEN BASED SURFACE:

- Clean the entire bitumen/asphalt APP membrane area throughout with clean water and nylon brush to remove dirt and loose particles.
- Blisters in asphalt roofing felt/APP membrane must be cut open cross wise, dried and bonded with KWICKBOND SB60.
- After complete air drying of the bonded areas apply KWICKCOAT RB510 (Rubberized Elastomeric Waterproofing coating) on entire asphalt/APP membrane, diluted with 25% water.
- Apply two consecutive coats of KWICKCOAT AC650 dilution upto 20% per coat above the prior rubberized KWICKCOAT RB510 coating.

WATERPROOFING ON EXTERIOR CEMENT-BASED SURFACES:

- Clean area thoroughly with clean water and nylon brush. Open and fill all visible cracks with polymer modified crack filling agents.
- Apply primer coat of KWICKCOAT AC650 diluted in water in the ratio of 1 part water : 2 part of KWICKCOAT AC650.
- Apply second coat of KWICKCOAT AC650 with 20% dilution with water.
- Apply third coat of KWICKCOAT AC650 with 10% dilution with water perpendicular with the second coat.
- Leave minimum 4 hours drying time between each coating .

STORAGE

- Minimum 18 months in unopened container. Store away from direct sunlight and temperature below 30°C.

COVERAGE

- Coverage will depend on the nature of the surface.
On an average, smooth and prepared surface will achieve approx. 30 sq. ft. in 1 kg (First Coat) and 27 sqft per 1 kg (Second coat).
- Two coats of the product will give 300 microns DFT

SAFETY

- Keep away from open fire, sparks or other igniting sources.
- Wear protective clothing, gloves and goggles during application.
- Eyes - Contact could cause irritation.
- Inhalation - Can cause dizziness. Move to fresh air.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of KWICKFIX products, are given in good faith based on KWICKFIX's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with KWICKFIX's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. KWICKFIX reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

CALL ON +91 72 7860 7860 TO SPEAK TO OUR SOLUTION EXPERTS

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