



COMPETENT. COMPETITIVE. COATINGS.

TITANIUM

ACRYLIC WATERPROOFING SERIES

ULTRAKOOL 15

54° HEAT REDUCTION ACRYLIC

Description:

UltraKool 15 is an acrylic waterproofing therm reduction system that effectively lowers the heat on the surfaces where it is applied, the reflective action of its white color and ceramic microcells contained, reduce heat from the substrate.

Advantages:

- Waterproofing
- Heat dissipating thermal insulation
- Sustainable product
- Easy to apply
- Water-based, low odor

Uses:

- As waterproofing on concrete, fibrocement and sheet metal roofs.
- As thermal insulation on horizontal and vertical outdoor surfaces.

Application:

Preparation of the surface: The surface must be clean, free of dust, oil or grease, loose material, etc.

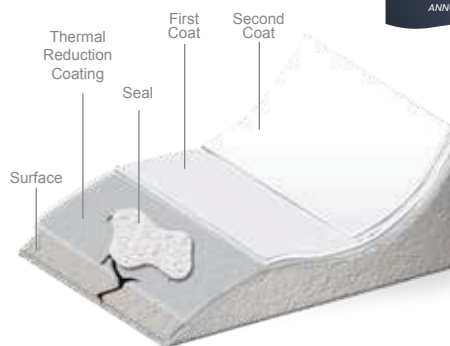
Treatment of critical points. During this stage we recommend that you treat the critical points (joints between tiles, bevels, vents, water tanks bases, skylights, etc.) by applying a coat of UltraKool, reinforcement fabric & a second coat of UltraKool. Leave it to dry.

Patch: First fill in any cracks with the same UltraKool. Let it dry for 3 hours.

Sealing: Apply Acrylic Primer to cover pores and micro-cracks. Let it dry for 3 hours.

Application: Apply a first coat (layer) with a brush or squeegee at a spread rate of 8 sq. foot [0.80 m²] per .5 quarter [half liter] of UltraKool (161.458 sq. foot [15m²] with 2.51 gallons [9.5 liters] or half a bucket). Let dry for 6 to 8 hours. Once the first coat is dry, apply the second coat (layer) with a brush or squeegee at a spread rate of 8 sq. foot [0.80 m²] per half liter of UltraKool (161.458 sq. foot [15m²] with 2.5 gallons [9.5 liters] or half a bucket), crossing the first. Let it dry for 24 hours.

Comply with Edification & Construction standards 88.7% Reflectance 0.84 Emittance



TEST	VALUE	STANDARD
Density	0.71 ± 0.05 Kg/L	ASTM D-1475
Consistency	Viscose paste	
PH	9 - 10	ASTM E-70
Solids in weight	39 ± 2%	ASTM D-1644
Solids in volume	58 ± 2%	ASTM D-1644
Viscosity (25°C)	25,000 - 30,000 cps	ASTM D-2196
Elongation	50% minimal	ASTM D-2370
Drying* Touch Complete	1 hour aprox 24 hours	
Performance**	0.80 m ² / L (two coats) 15.2 m ² / 19 L (two coats)	
Presentation	5 Gal.	
Color	White/Green/Terracota Red	

Update: April 20/2020 These technical specifications replace any previous one up to this date. Subjected to changes without notice.

* Drying can vary according to temperature and moisture

** Performance will depends on nature and surface roughness



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Recommendations:

The product is ready to use. DO NOT ADD WATER!

Do not apply on rainy days or when there is a threat of rain. Do not apply to damp surfaces. Do not apply when the relative humidity is higher than 85%, such as days or times when there is a breeze, fog, mist, dew, etc.

Do not apply when the temperature is below 50° F [10° C] or above 104° F [40° C]. Shake before use. To avoid the formation of puddles on the roof that cause dirt, check that the roof has a gradient and enough outflows. Avoid contact with your skin and eyes, use glasses or goggles and gloves. After using product, close the container properly. Store in a fresh and dry place.

KEEP OUT OF REACH OF CHILDREN. This product has a guaranteed life of 6 years as long as it has been applied in accordance with the application instructions and recommendations. The warranty for the product will be fulfilled in proportion to its remaining useful life and the time elapsed in accordance with its start and end dates.

PROPERTIES BY NOM- 018- ENER - 2011

PROPERTY	VALUE	METHOD
Apparent density	615,55 kg/m ³	NMX-C-126-ONNCCE- 2010
Thermal conductivity	0,0335 W/m·K	NMX-C-181-ONNCCE- 2010
Water vapor permeability	0,004 ng/Pa·s·m	NMX-C-210-ONNCCE- 2013
Moisture adsorption	5,26 % weight 2,921 % volume	NMX-C-228-ONNCCE- 2013
Water absorption	5,63 % weight	NMX-C-228-ONNCCE- 2013

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