KOOL COATS

COMPETENT. COMPETITIVE. KOATINGS.

TITANIUM

ACRYLIC WATERPROOFING SERIES

PROTEK 20

SILICONIZED ACRYLIC

Description:

ProTek 20 Siliconized Acrylic is a premium 100% acrylic waterproofing coating developed to be applied as a conventional coating with 900% elongation, ideal for buildings with structural movements. Forms an elastomeric layer to prevent leaks and moisture.

Characteristics:

ProTek 20 Siliconized Acrylic is liquid waterproofing that contains an exclusive 100% acrylic resin that extends its life to 20 years. Formulated with long-lasting pimentos and ceramic particles, silicon, and UV Shield II protectors.

Advantages:

- Extra long lasting
- Permanent hydrophobicity
- Ready to use, with a suitable consistency for easy application
- High-solids product
- Highly weather and mildew resistant
- Water-based.
- Does not contain solvents or heavy metals such as lead

Uses:

Waterproofing of roofs and concrete slabs, Cement & fibrocement boards, galvanized sheet metal roofs, etc. it can be applied to any type of construction, such as institutional and apartment buildings, warehouses, industrial facilities, shopping malls, houses, etc.

Storage:

Store in cool, dry indoor place with its lid tightly on. Do not stack more than three buckets high. Keep out of reach of children.

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

900% ELONGATION • 20 YEAR WARRANTY

Terracota red	White	Concrete gray

Special colors on request only

PROPERTY	VALUE	TEST METHOD
Density	1.34 ± 0.05 Kg/L	ASTM D-1475
Consistency	Semi-Thick	
pH	9 ± 0.5	ASTM E-70
Solid	62 ± 2.0%	ASTM D-1644
Viscosity	40,000 - 45,000 CPS	ASTM D-2196
Base	Acrylic Emulsion	
Performance *	3f² / 1 qt 200 ft² / 5 gal	
Presentatión	5 gal	
Color	Terracota Red/ white/ Concrete gray	

* Performance may vary according to the roughness of the surface.

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Application:

SURFACE PREPARATION:
Plan your waterproofing work; quantity of sealant (3 f^2 / 1 qt), acrylic cement, waterproofing (200 ft^2 / 5 gal), consider extra product for parapets and critical points. Take drying times and weather conditions into account.
First repair cracks and holes that are larger than 1 mm wide, using construction material.
Ensure that the roof has a slope (of at least 2%), sufficient drains (outflows), sharp edges and/or diamonds, to avoid the pooling of water (puddles), as this product is not designed for prolonged immersion in water.
CLEANING OF THE SURFACE
The surface to be coated must be free of dust, greases and oils, efflorescence, sands, dirt, humidity, material loose, o any substance or condition that impedes good penetration and bonding.
MEANS OF APPLICATION
1. APPLICATION OF SEALANT
The Titanium waterproofing system requires the surface to be primed with the high-performance sealer.
Apply the undiluted Kool Coats sealer directly onto all the surfaces at the recommended spread rate using either an istle brush, an ordinary brush or a roller, taking special care not to leave any areas uncoated. Let it dry for 1 to 3 hours.
2. APPLICATION OF ACRYLIC CEMENT
The Titanium waterproofing system requires cracks and critical points to be treated with Flashing Patch high-performance flexible acrylic cement.
Use a spatula or brush to apply Flashing Patch to fill in small cracks. For critical points such as bevels, parapets, joins between tiles, projecting pipes, skylight bases, antennas, water tanks, downpipes, etc. perfectly patch with Flashing Patch, cover the critical area with super reinforcement fabric and apply a coat of Impac Patch, using a spatula or hard bristle brush, to the fabric. Let dry for 1 to 3 hours. During this stage, you can do the perimeter banding in the same way (acrylic cement-super reinforcement fabric).

3. APPLICATION OF THE FIRST COAT OF WATERPROOFING
For the application of Titanium acrylic waterproofing, first select and calculate the sealed area to be waterproofed. Apply directly from the container (undiluted) at the rate of 16.9 oz [0.5 liters] per square meter. Without spreading the product too much.
As you apply the first coat of waterproofing, put the super reinforcement fabric down, taking care that the fabric is partially put into the waterproofing and dampened before it dries. Make sure that the fabric is not raised and forming air bubbles. Leave the first coat with fabric to dry for 4 to 8 hours.

4. APPLICATION OF THE SECOND COAT OF WATERPROOFING
Once the first coat of waterproofing is dry, apply a second coat at a spread rate of 16.9 oz [0.5 liters] per square meter crossing the first, making sure that the second coat completely covers the super reinforcement fabric (the fabric must be soaked in the waterproofing and not stand out from it). Let it dry for 24 hours.

WARNING:

Do not apply at ambient temperatures of below +50 °F [+10 °C] or higher than +104 °F [+40 °C] (ideal ambient temperatures from +15 to +35 °C). In order to apply, the surface must be dry. Do not apply when the relative humidity is higher than 85%, such as days or times when there is a breeze, fog, mist or dew. Do not apply on rainy days or when there is a threat of rain (see the weather forecast for the following 72 hours). Do not mix this product with other products. This product is ready to use and should not be diluted. Diluting it could affect the performance of the product and invalidate its warranty. We recommend you check the waterproofing that has been applied at least halfway through its useful life and make any necessary repairs. Use gloves and eye protection when applying this product. Avoid eating or smoking when handling or working with this product.
If any of the material splashes onto your skin, wash with soap and water. If you get it in your eyes, rinse them with plenty of water. Wash the tool with soap and water when you finish. Children must not apply and/or handle the product.