



COMPETENT. COMPETITIVE. KOATINGS.

TITANIUM

ACRYLIC WATERPROOFING SERIES

TITANIUM 5000

5 YEAR ELASTOMERIC ROOF COATING

Description:

Titanium 5000 is a flexible White acrylic roof coating that expands and contracts with the roof's movement, the product resists cracking and peeling. This coating is a barrier against water and reflects the sun's heat and UV rays leading a reduction of interior temperatures.

Benefits:

- Has high elongation which makes it resistant to contractions and expansions.
- This product has ceramic particles that reflect sun rays
- (White color) and prevents the heat from passing to the interior, generating savings in electric energy consumption and comfort.
- High resistance to fungi contamination.
- It has the exclusive UV-SHIELD sun block which provides properties to preserve the whiteness and elasticity of the waterproofing.
- This product can give points for LEED Certification.

Uses:

Titanium 5000 adheres and protects concrete roofs, bonded gravel roofs, galvanized sheet roofs, tile roofs, mobile home roofs and ducts.

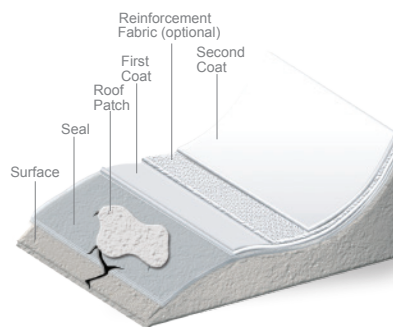
Surface preparation:

For better results pressure washing entire surface is recommended. All surfaces must be dry and free of dust, dirt, oil, loose granules, gravel or peeling roof coating or paint and all other foreign matter. Roofs must have proper drainage and not hold "ponding water". Rusty metal must be cleaned with a wire brush and primed with a metal primer/sealer before application of this product. Repair all leaks and cracks with Patch and reinforcing fabric in accordance with product label. Surfaces previously coated with aluminum, asphalt or tar should be allowed to cure for a minimum of one summer season prior to coating with this product. Metal sheet roofs should be exposed to the sun at least 3 months. New concrete roofs must be cured (for 4 weeks). Surfaces with mildew growth or stains must be cleaned with a bleach solution (2 parts water to one part bleach). All surfaces must be thoroughly rinsed and dry prior to applying coating. Do Not Thin. Do not mix with others products.

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



White



Characteristics	Typical Value
Consistency	Semi-thick
Weight per gallon	10.05
Viscosity	40,000 cP
pH	9.5
Solids by weight	45%
Elongation	250%
Coverage*	50-75 sq. ft. per gal. per coat 25-37 sq. ft. per gal. for 2 coats
Container	5 gallons (19 L), 1 gallon (3.8 L)
Color	White

*Depends on surface porosity and roughness. Based on two coats.

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Application:

Mix thoroughly this product. Apply on clear, sunny day in morning hours with a 3/4" nap exterior paint roller or brush. First, make repairs, then apply an initial coat over all seams and joints. Allow to cure for two hours or until dry, then apply two (2) uniform coats over entire surface, avoiding excessive rolling or brushing. Two full coats are needed for all applications. Apply second coat perpendicular to first coat. Allow at least 6 hours between coats and 24-48 hours for full curing. DO NOT apply to flat surfaces, poor drainage areas, or where "ponding water" will exist. For exterior use only. Surface and air temps must be a minimum of 50°F for 24 hours. DO NOT apply if heavy dew or rain is expected within 24-48 hours. This product can be sprayed by a professional grade airless sprayer.

Coverage:

The coverage rate for this product is approximately 50 – 75 sq. ft. per gallon per coat. Total coverage for two coat application is 25 – 37 sq. ft. per gallon.

Recommendations:

Do not apply at temperatures lower than 50 °F (10 °C) or higher than 113 °F (45 °C), neither in rainy days nor with a rainfall threat.

Do not apply in humid surfaces. Do not apply when relative humidity is higher than 85% as in days or hours with thin fog, breeze, mist, dew, etc. Any sprinkle from the material on skin should be washed with soap and water. Clean tools with water after use them. This product is ready to use, do not add water. Respect the performance.

KEEP OUT OF REACH OF CHILDREN.

Storage:

Store in a fresh and dry place, the container must be tightly closed. Do not store more than three buckets. For longest life, store in controlled environment, 38°F (3 °C) - 80°F (27 °C). Do not store in direct sunlight. Do not expose the pail to freezing temperatures.

Precautions:

Protective clothing, gloves & eyewear should be used during application of these products. When transporting this product, ensure that lid is tight & pail secure & upright. Do not allow pail to tumble as this may cause lid to loosen and leakage to occur.

Transport on cargo area of vehicle, and prevent damage due to accidental spills. Close container after use. Do not use on EPDM, TPO, PVC or other rubber/synthetic surfaces, plywood walking decks, silicone coated roofs, shingles. Do not use on single ply or synthetic roofs. If there is any question regarding compatibility to the roof surface, test a small section first for proper adhesion. Do not use in drinking water or food systems. Do not allow product to freeze. Do not apply if rain or temperatures below 50 °F (10 °C) are expected within 12 hours (longer drying time is required at low temperature and/or high humidity). Do not thin.

Limited Warranty:

This product is guaranteed to form a protective coating to your roof, for a period of 5 years from the date of purchase. This warranty is only applicable when this product is applied according to our writing directions (instructions).

This warranty does not cover poor drainage surfaces where ponding water exists. All surfaces must maintain a minimum slope of 1" per foot (5°), to be eligible for warranty. If the coating does not perform as stated during the guarantee period, the company will provide the original purchaser with original sales receipt, replacement coating to repair the affected part of the roof or a prorated refund. Failures due to whether, prior condition of the substrate (surface), workmanship, fire, equipment utilized, structural defects or causes beyond our control are excluded from this guarantee. The manufacturer is not responsible for any labor, property or other consequential damages or costs incurred in the original or any replacement application. Except as stated above, we make no warranties or guaranties, expressed or implied, and none should be inferred. Protect from freezing.

Update: May 12/2020. These technical specifications replace any previous one up to this date. Subjected to changes without notice.