

PRODUCT DESCRIPTION

NANOTHERM UV® has pasty consistency, formulated with polymer based high plasticity ramified chains, organic pigments, controlled loads and various chemical additives.

APPLICATIONS

- Insulates and water proofs surfaces like concrete, metal sheets, wood, etc.
- Protects previous (weathered coated) surfaces.

PROPERTIES

NANOTHERM UV® is an excellent product and has a great consistency either humid or dry its thickness and high flexibility or plastic like makes it capable to absorb the structural movement of the covered surfaces. Its properties make it a great waterproofing material as well as a thermal insulator due to its low thermal conductivity. It can be pigmented in any wanted color and still has thermal insulation.

TECHNICAL DATA

Colors:	White	Thermal Conductivity Factor:	0.04 BTU/H-H-FT-°F (ASTM C518)
Odor:	Typical	Thermal Emittance:	0.80 (ASTM C 1371)
Finish:	Matte	Viscosity:	90,000 – 100,000 cPs. (ASTM D 2196)
Toxicity:	If ingested	Total Solids:	90.0 – 92.0%
pH:	9.5 – 10.0	Applications temperature:	50°F and rising
Density:	5 lb/gallon	Drying to Touch (68° F):	30 – 45 minutes
Solar Reflectance (Initial):	95.0 % (ASTM C 1549)	Dry to Recoat or Finish (68°F):	1 to 3 hours

Application and Warranty

Surfaces should be dust, grease and oxide free, with no loose material around. Surfaces should be dry before application.

Proceed to apply NANOTHERM UV® (*without diluting*) with roller, brush fiber, paintbrush, air less equipment, one or two coats if necessary in order to achieve a thickness of 40 to 60 dry mils (25 year warranty) uniformly along the surface to be covered.

**Theoretical
covering power:**

NANOTHERM UV® covering power is 180 to 200 sq. ft. per case depending of surface condition.

STORAGE:

- Store at cool and shaded area.
- Can be stored for up to 6 months with no risk of deterioration of properties.
- 4 stack (stowing) maximum.

WARNING

Do not leave the bag open in which NANOTHERM UV® is contained. Do not apply if there is risk of rain, or if extreme temperatures are expected. Wash tools with clean water before and after application.