

PRODUCT DATA SHEET

NANOISOLA WATERPROOFING Waterproofing/ Dustproofing

Product No. 313000606150001



USES:

- Walls, ceiling & roofs
- Commercial buildings
- Industrial warehouse
- Basements
- Hospitals/Schools
- Military Camps
- Pools, Sauna, Jacuzzi
- Gable Roofs
- Metal Roofs
- Foundation of a Building

FEACHURES:

- Waterproofing Coatings
- Dustproofing Coatings
- Mold resistant
- Moisture resistant
- Non-toxic, water-based, low VOC
- Easily applied by Brush, Roller, spray
- Outstanding durability & weathering
- Space saving
- Provides protection from UV rays
- Exhibits outstanding durability
- Protective against rain, damp, water
- High flexibility
- Vapor permeable
- Can be applied on wood, brick, PVC, drywall, stucco, concrete, metal
- 10-year warranty

OVERVIEW:

NANOISOLA Waterproofing / Dustproofing bring the innovation of a global leader in technology to protect and shelter our assets and our people by providing roofing systems which give us sustainable waterproofing protection in all situations.

NANOISOLA Waterproofing / Dustproofing liquid roof coatings are tough, cold applied giving exceptional durability and lasting peace of mind. This coating provides a lasting barrier to water penetration will not embrittle and are highly resistant to sunlight.

Easily applied to all types of roof structure their liquid composition allows complex shapes to be easily and seamlessly waterproofed without removal, in many cases, to the existing substrate, meaning less disruption during application.

Base: 1-part water-based waterproofing coating

Finish: Semi-Gloss, Flat

Colors: White, Blue, can be tinted

Application: Can be applied with brush, roller or paint sprayer.

Minimum Thickness: Three coats of 200 microns each coat

Theoretical coverage rate: 30 m² per 5-gallon pail @ 3-coat

Recommended application: dependent upon application

Drying Schedule To Touch - 200 microns wet @ 27°C: 1 hour

To Tack Free/recoat: 8 hours

Priming: No need

Mixing: Preferred method of mixing is using a mixing paddle at slow speed for approximately 2 minutes.

Thinning: Thinning is normally not needed



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PACKAGE, STORAGE & SAFETY:

Available Sizes: 5-gallon pail (18.93 liters)

Shelf Life: 2 year after manufacture

Storage Temperatures: 10°C to 35°C

Caution: Do not let product freeze

Flash Point: None

Pot life: None, pail can be reused if properly sealed.

Cleanup: with soap & water

Safety: Eye protection recommended

Caution: not for human consumption

Clothing: Safety clothing & gloves are recommended

VOC content of mixed system: < 100 g/L

Viscosity of mixed coating: 3,500 to 4,000 (cps)

Permeability: ASTM 1653-03, 5 perms/inch @ 23°C

Pencil Hardness: ASTM D3363 = H (Hard)

Salt Fog Resistance: ASTM B117, 1000 hours = Excellent

Humidity Cabinet: ASTM D-4585, Excellent 2000 hrs

UV-A Exposure: ASTM D-5894, Excellent 2000 hrs

Pull Apart Strength: ASTM D-4541, 2100–2150 psi

Mold Resistance: ASTM D5590 & ASTM G21, Zero or minimal growth

Flame Spread: ASTM E-84/87, Class A

Smoke Developed: ASTM E-84/87, Class A

Thickness of 1 coat: 200 microns

Thickness of 3 coats: 600 microns

Touch dry time for 1 coat: 1 hour

Typical hard dry time: 72 hours

Dry time between each coat: 8 hours

Recommended coats: 3 coats

Substrates & Surface Preparation:

Remove all loose contamination by wire brushing. Remove all dirt, grease, oil, soluble salts and other contaminations. Remove all loose, flaking rust and/or paint by one of the following methods: If unable to sandblast use: St 3 Power Tool Cleaning. If able to sandblast use: Sa 2.5 Blast Cleaning

Application Conditions:

Surface must be clean and dry and free of grease, dirt solvents, etc. Apply directly to the surface. Each coat should be applied 200 microns in thickness with 8 hours dry time between each coat. Three coats is the recommended minimum coverage. Application temperature: 15°C to 70°C, at least 3°C above dew point, 85% max. Humidity

Application Equipment:

Sprayer: Airless sprayer to apply **NANOISOLA WATERPROOFING**

- Recommended: Recommended: Graco Silver Gun, 395

Others that are suitable include:

- H.V.L.P. sprayer
- Roller
- Brush

NANOISOLA coatings can be applied with standard paint spray equipment. Equipment size and performance varies widely, so it is our intention to provide the following recommendations for various sizes of equipment which may be used for the coatings, in addition to other important items to ensure proper application.