

APPLICATION INSTRUCTIONS

HYDROPHOBIC GLASS COATING

Description

NanoTech Hydrophobic Glass Coating delivers an invisible, durable coating that provides water repellent, antistatic, and residue release properties. In testing, the friction was reduced to less than 0.1, thus making wiping and polishing surfaces significantly easier. NanoTech Hydrophobic Glass Coating also increases the scratch resistance of the glass between five and tenfold.

Applications / Surfaces

NanoTech Hydrophobic Glass Coating is an all-purpose, multi-surface coating that is ideal for use on tubs, tile, glass, bowls, grout, floors, pools and vehicles. Safe for use on: glass, ceramics, stainless steel, acrylics, painted surfaces, polystyrene, ABS and polycarbonate. NanoTech Hydrophobic Glass Coating should not be used on polished limestone/marble as it may dull the finish.

- Durable scratch resistant coating
- Water repellent
- Antistatic
- Improves visibility during rain on windshield glass.

Characteristics

Appearance:	colorless to pale yellow
Finish:	Clear
Odor:	mild
Base Type:	Water based
Flash Point:	N/A
VOC:	0 g/l
Weight per Gallon:	8 lb/gallon

Coverage

800-1000 sq. ft. per gallon. Coverage will vary depending on the porosity and texture of the substrate.

Expected Wear

6 months to 1 year under normal conditions. Then simply reapply as needed.

Surface Preparation

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, and other foreign material using NanoTech Safe Clean - rinse off with water. Once dry, do a final clean with Isopropanol 99.9% alcohol using a lint free micro fiber cloth to ensure that the surface is absolutely clean and ready to accept the glass coating. Using painters tape, mask off any adjacent areas on other parts you are coating to avoid getting it on surfaces you don't want coated.

Application Instructions

Test Area

Always test NanoTech Hydrophobic Glass Coating in an inconspicuous location to ensure performance and compatibility with the surface.

Application

- Make certain surface has been prepared properly and is clean and dry.
- If applying outdoors, make certain the temperature is between 45° F and 105° F, 90% relative humidity or less.
- Shake the container for several minutes to re-suspend the nanoparticles that have settled to the bottom.
- Make certain to re-shake every 15-20 minutes to ensure proper performance.
- Use a lint free micro fiber cloth to apply. Pour or pump spray coating onto the micro fiber cloth to saturate it but not dripping off.
- In a crisscross pattern (horizontal and vertical) wipe a thin coat onto surface making certain to get complete coverage.
- Let dry 2-5 minutes (depending on temperature) then buff any slight hazing out using a clean lint free micro fiber cloth.

Drying Time

Drying Time (@ 77 F, 50% Relative Humidity):
Temperature and humidity dependent.

Touch: 3-5 seconds

Through: 3-5 seconds

Full Cure: 3-5 seconds

Care & Maintenance

To clean coated exterior surfaces, simply hose off with a garden hose equipped with a pistol grip sprayer. On interior use a damp towel. Rinse with fresh water and dry. When additional cleaning is required, use NanoTech Coatings Safe Clean and rinse with fresh water. To re-apply simply follow application instructions, there is no need to strip off original coat.

Cautions

- In the event of contact with skin, wash skin thoroughly with soap and water.
- Always wear safety goggles or splash shield to avoid splashing into your eyes. Do not wear contacts without eye protection.
- If sealer gets into your eyes immediately flush eyes with water for 15 minutes. If eye irritation occurs after rinsing seek medical attention.
- If accidentally swallowed, rinse mouth thoroughly with water. In case of discomfort, obtain immediate medical attention.