

# NanoTech Materials Skylight Sealer

## High Performance Transparent Coating & Sealer

### DESCRIPTION:

NanoTech Materials Skylight Sealer is a transparent fluoropolymer coating and sealer that forms a durable, glossy, abrasion-resistant, and chemically resistant surface. NanoTech Materials Skylight Sealer can be applied as a clear, tough, gloss finish over compatible substrates.

### OUTSTANDING FEATURES:

- The cured film is flexible, tough, and resistant to abrasion.
- Fast-setting with quick strength development.
- Easy to apply, user-friendly.
- UV-resistant; will not discolor or degrade.
- Minimizes downtime after application.
- Accommodates surface movement while resisting wear and tear.

### APPLICATION:

Ensure that all surfaces to be coated are clean, dry, and free of contaminants such as loose particles, grease, or oil. To prepare NanoTech Materials Skylight Sealer, mix the hardener into the resin, stirring for 3 minutes. Allow the mixture to sit for 10 minutes (or as needed) to allow any trapped air to escape. NanoTech Materials Skylight Sealer can be applied over most coating products, provided the products have fully dried for at least 24 hours. When overcoating painted surfaces, check for compatibility first, as some paints may bleed.

Apply NanoTech Materials Skylight Sealer in a thin, even coat using a brush or airless spray method. Avoid foam formation or air bubbles, as these can cause pinholes or hazing. If traction enhancement is required, iron-free sharp white quartz sand or AsperGrit Plastic Granules can be broadcast into the wet coating. Once the first coat has dried and the grit is embedded, apply a second coat of NanoTech Materials Skylight Sealer to fully encapsulate the aggregate. Cleaning of equipment can be done with water while the NanoTech Materials Skylight Sealer is still wet.

### MAINTENANCE:

- For damaged areas, sand and clean thoroughly before recoating.
- Dirt buildup can be cleaned with warm water and detergent.

### LIMITATIONS:

- Do not apply below 40°F.
- Ensure the application can be protected from precipitation for at least 4 hours.
- Shelf life is 12 months when stored in original containers between 45°F and 95°F.

### PRECAUTIONS:

- Before use, read the container label and Safety Data Sheet (SDS) for important health and safety information.
- Keep out of reach of children and pets.

### SPECIFICATIONS

Coating	Fluoropolymer urethane
VOC	80 gms/liter
Pot Life	6 hours
Shelf Life	1 year (unopened) from date of manufacture
Recommended Thickness	2 - 3 mils Dry Film Thickness (DFT) per coat
Coverage	Approx. 350 to 400 square ft/gallon, depending upon substrate
Packaging	1 gallon pails
Color	Clear

### TECHNICAL DATA

Hardness	4H	ASTM D-3363
Elongation	50%	ASTM D-412
Water Absorption	Zero	ASTM D-570-77
Impact Resistance	4mm indentation	No cracking or loss of adhesion
Solids Content	48% (B.W.); 45% (B.V)	ASTM D-1-44
Flashpoint	Non-Flammable	FTMS-141A (M4293)
Tensile Strength	2,000 psi	ASTM D-412
Low Temperature Flexibility	180 deg. Ben @ 20°F	ASTM C-711
Drying Time	1 hour @ 70°F (50% (R.H.)	
Cure Time	24 hours @ 70°F (50% R.H.)	
Weatherometer	Pass	ASTM G-23