

ZINOX NANO Z-SHIELD ACRYLIC FOR ASPHALT SHINGLES

DESCRIPTION	TECHNICAL DATA
100% acrylic emulsion based on modified polysiloxane, designed for asphalt shingle surfaces. Z-Shield helps protect against UV rays, slow granule loss, limit lichen and moss growth, and extend the service life of the roof covering. Its hydrophobic formula improves water repellency while allowing the surface to breathe.	SKU: Z-811-00 Color: Clear liquid Odor: Mild Gloss 60°: 60 - 70° Viscosity: 26 ± 2 Zahn #2 Coverage: Approx. 2,000 ft² / 5 gallons per coat. Two coats recommended. Practical coverage for a two-coat system: approx. 1,000 ft² / 5 gallons. VOC: ≤ 135 g/L WFT: 1.0 - 1.5 mils, 25.0 - 37.5 microns per coat DFT: 2.8 - 4.0 mils Density: 1.1 ± 0.05 pH: 8.2 - 8.7 Weight / gallon: 8.45 ± 0.25 lb Solids / weight: 30 ± 1 % Solids / volume: 28 ± 1 % Composition: Binder: 100% acrylic emulsion Thinner: Water, Glycol Ether
USE	APPLICATION CONDITIONS
Recommended for asphalt shingle surfaces. Provides hydrophobic surface protection while allowing the shingle to breathe. Two coats are recommended to support the product's estimated 8-year service life.	Temperature: 15 to 30 °C (59 to 86 °F) Humidity: Ideal 50%. Maximum 85%. Dry time (at 25 °C and 50% humidity): Touch dry: 1 hour Cure: 16 hours Drying time may vary with humidity, temperature, texture and surface porosity.
SURFACE PREPARATION	RECOMMENDED EQUIPMENT
Surfaces must be clean, dry and free of contaminants. Pre-cleaning with Z-Cleaner, SKU Z-200-00 is recommended. Rinse thoroughly with clean water to prevent residue from remaining on the shingle surface before applying Z-811-00.	Brush: Nylon / Polyester Roller: Synthetic 15 to 20 mm nap Sprayer: Home sprayer suitable for water-based coatings
APPLICATION	STORAGE
Mix well before use. Apply at temperatures between 10 and 30 °C using a brush, roller or home sprayer . Apply evenly, working from top to bottom. Allow the first coat to dry before applying the second coat.	Store in a ventilated, cool and dry area between 10 °C and 25 °C. Keep containers closed when not in use. Protect from freezing. Shelf life: 1 year in unopened containers stored in a cool, dry place.
THINNING	WARRANTY
None. Ready to use.	For any express or implied warranty, whether contractual or arising by law, the manufacturer's liability is limited to replacement of merchandise found defective at the time of inspection. The manufacturer is not responsible for warranties made by agents, representatives or employees concerning the merchandise or product in this container.
TOOL CLEANUP	SAFETY INFORMATION
Clean with water immediately after application.	Flash point: None Lead content: None Mercury content: None Consult the product Safety Data Sheet (SDS) for health and safety information and review label directions before use.
WASTE DISPOSAL	
Consult your municipality for proper disposal of leftover product or donate usable material when appropriate. Follow applicable local disposal requirements. Do not pour remaining product into drains.	