

Product Description

NanoTech rust converter is a unique fast drying milky white vinyl/acrylic coating that is applied to any rusted metal surface to stop rust in its tracks. NanoTech rust converter neutralizes rust and converts it to a tough, black primer in one easy step. NanoTech rust converter can be used as a finish coat or can be painted over for maximum corrosion protection. No more sandblasting, heavy scraping, wire brushing, or grinding is needed.

Technical Data

Solution Color	Brown
Coating Color	Black Semi-Gloss
Temperature resistance	-50 to +180 °C
Storage stability	12 months
Coverage	8-10 m ² /kg

Characterization

Properties	Standards	Test Results
Density	ASTM D1475	1.32 g/cm ³
Solid content	ASTM D2369	58.6%
pH Value	Digital pH meter	6-7
Drying time, surface dry	ASTM D1640	1 hour
Drying time, hard dry	ASTM D1640	4 hours
Water Resistance	ASTM D870	30 days, no abnormalities
Salt Immersion	ASTM G80	30 days, no abnormalities
Salt spray	ASTM B-117	200 hr
High Temperature resistance	ASTM D2485	<180 °C

Features & Benefits

- **No more scraping or sandblasting.** Simply remove loose rust and then apply product.
 - **Prevents Future Rusting.** Seals out moisture and other outside elements.
 - **Fast Drying.** Second coat can be applied in 45 to 60 minutes.
 - **Excellent Primer.** Treated surfaces can be painted over with an oil-based paint.
- Non-Toxic
 - Eco-Friendly
 - Economical
 - High Durability
 - High Stability
 - High Adhesion

Directions for use

Application: Use a synthetic bristle brush for maximum penetration. On large areas, use a roller or spray. Dipping can be used for small items.

Coverage: For best results, apply a second coat after first coat is dried. Apply full strength or dilute with max 10% water for spraying large areas.

Painting: Allow 24 hours of cure time before the application of the finished paint coat. For long-lasting protection of iron surfaces, the cured rust converter coating should be sealed with two coats of a high-quality oil-based paint. No other primer is required.

Storage Conditions

The products should be kept in a cool and well-ventilated place protected from heat and direct sunlight. Containers must be kept tightly closed. Handle with care. Storage Temperature and Humidity: 10-30 °C and RH:0-85 %.

Company

NanoTech is the leader in nano-based rust converter technology in Canada that transforms rust safely, efficiently, and easily to a protecting coating barrier.

