



COATABLE

NOVASHINE

HIGH GLOSS TOPCOAT

Product Information (02.02.22)

PRODUCT DESCRIPTION

NOVA SHINE is a high-performance rust encapsulation coating that protects metal surfaces from corrosion. NOVA SHINE seals iron, steel, and most other metals and can be applied directly over rust and firmly bonded paint. NOVA SHINE also provides superior protection for concrete, wood and fiberglass. NOVA SHINE is abrasion, chip, chemical and UV resistant. Use NOVA SHINE as a primer for other Coatable products or as a single coating system.

RECOMMENDED USES

Industrial	exterior coating for all rusted metal - I beams - structural steel - pipes - sealing concrete - AC unit/ducting - fiberglass - rebar - gas and; fuel tanks.
Home & Farm	metal roof/walls - hand rails - lawn equipment - farm equipment - garage floors - appliances.
Automotive	chassis - truck bed - trunks - axles - floor pans - fenders - engine - wheel wells
Marine	engine rooms - hulls - masts - bilges - heat exchangers - metal decks - chain lockers - pumps - trailers

APPLICATION PROCEDURE

Do not shake the container. Stir thoroughly, until coating is a silver color. Do not create a vortex when mixing. Use outdoors or in a well-ventilated area. Ideal application temperature is between 50F (10C) and 90F (32C); humidity below 90% to ensure proper drying. Do not apply to surfaces that exceed 150F (65C). NOVA SHINE may be applied by brush, roller, or spray equipment. Test a small area for proper adhesion. NOVA SHINE works best when pressed firmly against a substrate. Apply NOVA SHINE evenly without build up. A minimum of 2 coats of NOVA SHINE must be applied to achieve a minimum dft (dry film thickness) of 6-8 mils. A minimum dft of 12 mils is recommended for heavy industrial or marine use. Typical areas where stripe coats must be applied include welds, corners, edges and heavily pitted areas.

Average drying time is between 2 to 6 hours. NOVA SHINE cures faster on humid days and slower on a dry days. Note: The above drying times are only estimates. Actual drying times can vary significantly based on relative humidity, dry film thickness, wind, direct sunlight, temperature, and other factors. Previous coats of NOVA SHINE should be dry to the touch with no transfer of coating to a gloved finger before applying additional coats of NOVA SHINE or another topcoat. For optimum inter-coat adhesion apply the next coat as soon as the previous coat is touch to dry. If more than 12 hours have passed, wait at least 24 hours then rough up the surface with 150 grit sand paper before applying additional coats. NOVA SHINE is a metallic silver in color and does not require a topcoat. If a color other than metallic silver is desired, Coatable offers STOP HEAT & NOVA SHINE. If using another brand top coat, it is recommended to first check for compatibility and follow the manufacturer's recommendations. A small surface area should be tested for adhesion and compatibility.

Top coats must be applied within 12 hours of the final coat of NOVA SHINE. Indefinite submersion requires an epoxy topcoat. Remember to limit the time the container is left open. Only pour what you need and then close the container to minimize air entry and avoid skinning. A thin plastic bag may be placed between the lid and the container. Cure time varies based on relative humidity and temperature of the surface; approximately 80% in 4 hours; fully cured in 72 hours. Cannot be used with organic zinc primers or ammonia.

MINIMUM SPREAD RATE

On non-textured flat surfaces, each coat of NOVA SHINE covers approximately 200 sq. ft. per gallon (18.5 sq. mtr/gallon) at 8 mils wet / 4 mils dry (200 micron wet / 100 micron dry). Clean white flat metal requires only 1 coat (4 mils DFT), rusted metal requires 2 coats (8 mils DFT), heavy industrial and marine requires 3 coats (12 mils DFT).

PRODUCT CHARACTERISTICS

- Moisture-cure Polyurethane. Cures by absorbing moisture in the air
- Solids: By weight 62.2% / By volume 51.4%
- 30-60 MINUTES TO TACK FREE AT 70°F (21°C)
- Overcoat window is three hours or less at 70°F (21°C)
- Net Weight: 9.1 lbs. per gallon
- Shelf Life: Up to 3 years (unopened) under appropriate storage condition (see MSDS)
- Single component coating; No curing agent needed
- VOC Level: 380 grams/liter; 3.17 lb./gal.
- Metallic Silver in color; not available in colors
- Resistant to most solvents, chemicals and some acids
- Maximum Surface Temperature when applying; 150°F (65°C)
- Minimum Surface Temperature when applying; 50°F (10°C)
- Maximum Surface Temperature after curing; 325°F (163°C)
- Failure will occur at a constant temperature equal to or greater than 302°F (150°C)

SAFETY PRECUATIONS

Do not use this product without first taking all appropriate safety measures to prevent property damage and injuries. These measures may include, without limitation: proper ventilation, use of proper lamps, wearing of protective clothing and masks, tenting, and proper separation of application areas. This coating is flammable. Keep away from fire, or other sources of ignition. For more specific safety procedures, please refer to the **NOVA SHINE SDS. KEEP OUT OF REACH OF CHILDREN.**

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