

NewPro Grasp Protection for Metal Surfaces Suitable for Clinnic / Nursing Home

Product description

The grasp protection for Metal Surfaces is suitable for highgrade Stainless steel, chrome, aluminium, brass, copper and other metals. The coating material protects unpolished and shining metal surfaces durably against anealing colors and finger marks. It increases the surface smoothness, reduces the contamination and facilitates the cleaning. By a durable connection to the substate the surface possesses a high mechanical and chemical ruggedness.

Consumption: Approx. 15 g/m² (wiped/rolled), approx. 25 g/m² (painted)

Drying process and hardening: Ambient temperature

Application: Polishing, dipping

Gross density: 0,839 kg / liter

Main areas of application

Brushed and Matted Surfaces Made of Stainless Steel, Chrome, Aluminium, Brass, Copper and other Metals.

Material basis:

- Solvent-Based Polymer Matrix.

Color:

- Colorless, Transparent

PH-Values:

- > 7, basic

Packaging Sizes:

- 1-L-PE Bottle 0.8 kg
- 5-L-PE Canister 3.6 kg.
- 20-L-PE Canister 16.0 kg
- 200-L-PE- Barrel 168.0 kg

Storage:

Minimum of 6 months at a temperature from 5 degrees Celsius to 35 degrees Celsius when stored in tightly sealed original container. Protect against frost and higher temperatures. In the event of storage beyond expiration date, test the material prior to use. Tightly air seal opened containers to preserve product life. Ensure sufficient ventilation in product storage areas.

Preparation: No preparation necessary – Material comes ready for use and application directly from the package.

Application

Application: Apply according to separate instructions for use.

Application Temperatures

Apply product at air and object surface temperatures from 5 degrees Celsius to 35 degrees Celsius. Product dries within a maximum of 24 hours at room temperature, or in 1 hour at 160 Degrees Celsius. Variations from these external conditions could influence the hardening time.

Use and Application:

Approximate use of the product: 15 g/m² (wiped or rolled), approximately 25 g/m² (brushed).

Safety and Protective Measures

During application and use, carefully follow the instructions and safety precautions on the package label, as well as the pertinent safety and accident instructions of appropriate occupational and trade associations. For further detailed instructions, see safety data sheets.

Cleaning of tools

- Clean tools using alcohol or soak in lime potash.

Improvements and Second Coatings:

Remove with standard lacquer remover or mechanically using abrasive finishing.

Cleaning of Coated Surfaces

subsequent to hardening, follow usual trade practices using common mild household cleaners.

Disposal of Waste /Remains

Dispose of material residues according to local and/or state regulation for paints and lacquers.

Technical Data

Salt Spray (DIN EN ISO 9227 NSS): 240h (on aluminium) 500h (on stainless steel)

Weathering (DIN EN 4892-3: 240h; 4h UV-B 60 Degrees:

4h Water condensation 50 Degrees C.

Climate Change DBL 7906: 15 min 10 Cycles; 23 Degrees C, 4h -30 Degrees C;

15 min 23 Degrees C; 4h 80 Degrees C; 30 min 40 Degrees C 98% rel. humidity.

Acid/Base Resistance: pH 2 to pH 10

Pencil Hardness: 5H (on stainless steel) 4H (on aluminium)

Tabertest: 5 mg

(CS10 F Roll: 1000 rotations per minute)

Temperature Resistance: Continuous up to 200 Degrees C.

Surface Energy: 24 MN/m