

Product Data Sheet

NewPro Solvent-based non-adhesive – coating for the industrial application

Product Description

Inorganic – organic coating material on basis of the chemical nano-technology.
Selforganizing non – adhesive components produce very good droplets on the surface in relation to polar and nonpolar liquids as well as dirt and lime and easier cleaning.

Drying process and hardening: Furnance without convection or circulating air mechanism. 60 minutes 200°C to 320°C (depending upon fornace).

Application: Spray, dip or flood

Gross density: 0,89 kg /liter

Main areas of application: Demoulding/Dismantling (i.e., PU, PVC, epoxy resins), Anti-adhesive layer against paints in lacquer plant construction and the printing industry, etc...

Material Basis: Solvent-based system with anti-adhesive components.

Color: Colorless.

PH-Value: Weak acid

Package Sizes:

1-L-PE Bottle	0.8 kg
5-L-PE Canister	3.6 kg
20-L-PE Canister	17.0 kg

Storage: Minimum of 12 months at temperatures between 5 and 35 degrees Celsius when stored in tightly sealed original container (light clouding of material possible). Protect against frost and higher temperatures. In the event of storage beyond expiration date/recommended period, 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: Apply a single continuous layer in spray with a criss-cross pattern.

Application Temperatures: Material, Air temperature and surface: between + 5 and + 35 Degrees Celsius. Thermal hardening for 60 minutes at temperatures between 200 and 300 Degrees Celsius.

Best adhesiveness and hardening at 300 Degrees Celsius.
Deviations from this are possible, as external conditions can influence the hardening duration.

**Use and
Application**

Apply approximately 75 ml/m²

**Safety & 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 with alcohol or thinner.

**Improvements
And Second
Coatings:**

Use abrasive finishing (ie., sandpaper) or through emplacement in a caustic potash / 2-Propanol bath.

**Cleaning of
Coated Surfaces:**

Due to the fact that the coated surface has a water and dirt repellent effect, only a mild cleaner is needed. Scouring cleaners and cleaners with extremely high pH values (<2 and >10) could adversely affect the performance of the coating material and, therefore, should not be used.

Disposal:

Material residue and remains must be disposed of in accordance with local and state regulations for paints and lacquers.

Technical Data

Salt Spray (DINN EN ISO 9227 NSS): 1000h
Weathering (DIN EN 4892-3: 1000h
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: 7H
Tabertest (CS10 F Roll; 11 mg
1000 rotations per minute:
Temperature Resistance: Continuous up to 300 Degrees C.
Surface Energy: 12 MN/m



Wirkmechanismus:

