

PRO-PRIME 901

PRIMER FOR PRO-SEAL LINE



TECHNICAL DATA SHEET

PRO-PRIME 901 is a one component polyurethane primer / adhesion promoter for the PRO-SEAL line of marine sealants. It enhances adhesion, even to non-porous substrates, e.g. glass, metals, gelcoat, etc..

Application method

Apply using clean, lint-free cloth.

Features

- 1 component,
- low-viscosity, highly penetrating,
- aliphatic polyurethane, non-yellowing.

Product data

PRO-PRIME 901: Product data	
Colour	transparent
Viscosity, approx., cP <i>ASTM D2196-86, 25 °C</i>	20 - 40
Specific weight, kg/lt <i>ISO 2811, 20 °C</i>	0.90 - 0.95
Tensile strength at break <i>ASTM D412, 23 °C</i>	40 N/mm ²
Elongation <i>DIN 52455, 23 °C</i>	50 %
Touch dry <i>@ 23 °C</i>	6 hours
Application of PRO-SEAL	6-12 hours

Preparation & application

Application should be carried out in optimal conditions, namely temperature in the range of 10-35 °C (ambient, substrate and product) and normal humidity levels.

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The application surface must be clean, free of dust, salt, water, grease, oil, wax, silicone, rust and other contaminants deposited over time or during the repair process.

The recommended way of cleaning is by dry cloth assisted by vacuum dust extractor or compressed air (free of compressor oils). Use a large cloth, apply very lightly and change sides continuously so as to remove dust instead of pressing it on the substrate. Avoid using wet or waxed tissues. As an alternative, if necessary, use PRO-CLEAN IPA, the fast drying, residue free, isopropyl alcohol solvent.

Before using, shake or stir product in container.

Note that for this use, just one very thin layer is required. Over priming will have unwanted results. On non-porous substrates, PRO-PRIME 901 is normally applied using a clean, lint-free cloth. Wet the tip of the cloth and spread the primer in a wiping action across the application space. The layer should be barely visible. You may use a brush in harder to get to areas but will need to make sure that the layer is as thin as possible. A brush may also be used, again, cautiously, in porous substrates where the primer is easily absorbed.

Apply the PRO-SEAL sealant of choice within the window of 6-12 hours, depending on ambient temperatures. Allow as much time as possible for the solvents to evaporate but apply while the layer still has some tack.

You are advised to first test the product, surface preparation and ambient conditions on a non-critical part of the application surface before proceeding with the full repair.

Packaging

150 ml.

Storage & shelf life

At least 12 months from the date of manufacture in the original sealed container. Store away from excessive heat and humidity.

Quality control

PRO-FILL 901 is produced under ISO 9001/14001/45001.

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Safety

Contains volatile flammable solvents. Use in well ventilated spaces away from sparks or open flames. Follow personal safety guidelines, including the use of proper mask, gloves and protective clothing. Avoid physical contact with the uncured substance.

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