



# PLASTIC PRIMER PR20

Revision: 6/2016

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Technical Data:

Base	Solvent
Consistency	Liquid
Colour	Clear
Curing System	Moisture, Physical Drying and Absorption
Skin Formation (20°C & 65% R.H)	Ca. 60 minutes
Flashpoint	1°C Open Cup

(\* ) Values may vary depending on environmental conditions

**Product:**

PR20 Plastic Primer is an adhesion promoting primer that is suitable for sealing and bonding difficult plastics such as Polypropylene and Polycarbonate. It is essential for providing flexibility and adhesion on all bare untreated Polypropylene and Polycarbonate plastics.

**Characteristics:**

- Liquid, easy application
- Suitable for MS Polymer Sealants

**Applications:**

- Priming PP & PC plastic parts prior to painting
- Priming PP & PC plastic panels used in transport construction.
- Priming for the use of MSP and Silicone adhesive sealants

**Packaging:**

- 1000mL containers

**Shelf life:**

18 months from production date in unopened packaging in a cool and dry storage place at temperatures between +5°C and 23°C.

**Surfaces:**

Type : Polypropylene, Polycarbonate.  
 State of Surface: clean, dry, and free of dust and grease.  
 We recommend a preliminary compatibility test.

Do not apply to painted surfaces

**Preparation:**

- Thoroughly clean all plastic parts to remove the release agents used in the manufacturing process.
- Release agents will rise to the surface as the plastic ages, this can degrade the quality of the adhesion
- To reduce the cure time plastic parts can be baked in an oven for 30 minutes at 60°C. This will also allow any release agents used in the production process to rise to the surface where they can be removed during cleaning
- Abrade the surfaces to be bonded with 120grit paper.
- Surfaces are to be clean and free of dust, debris, grease, oil, silicon etc. Clean with Methylated spirits or a good alcohol cleaner.
- Apply a single thin film of Primer PR20.
- Do not sand the primer
- We do not recommend Acetone for cleaning plastics.

**Method:**

Brush or spray  
 Fluid Tip: 1.4-1.8 mm  
 Air Pressure: 300-400 kPa  
 Application temperature: +5°C to 35°C  
 Clean up: with Acrylic Thinners immediately after application

**Recommendation:**

Primer PR20 should be applied in two light, uniform coats with 5 minutes flash allowed between coats when spraying

Health- and Safety Recommendation: Apply the usual industrial hygiene. Wear gloves. Safety Glasses, Respirator