

PRODUCT DATA

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SIMSON PREP M

Simson Prep M is a one-step pretreatment for the improvement of the adhesion on closed substrates of several specific Simson products, based on Silyl Modified Polymer (SMP). Consult the Technical Data Sheet of the particular product applications.

Applications

- Pretreatment of plain aluminium, steel, copper and brass surfaces.
- Pretreatment of powder coated metals.
- Pretreatment of lacquered metals (first make a test on the substrate to check possible effects).
- Pretreatment of polyester (GRP).
- Pretreatment of ABS.
- Pretreatment of PVC.

Features

- Fast drying; approximately 5 minutes. However this depends on the type of substrate, drying times can vary.
- Easy to use one-step process.
- Efficient in use.

For advice and additional information consult Bostik.

Typical Performance Data (approx.)

Dry contents	ca. 8%
Specific gravity	0.76 g/ml
Flashpoint	+9°C
Drying time	approx 5 minutes* (20°C/50% R.H.)
Colour	transparent
Packaging	500 ml tin
Coverage	Dependant on the type of substrate approximately 20 m ² per litre.
Shelf life/storage	9 months in an original, unopened container in a dry place at temperatures between +5°C and +30°C.
Shelf life/storage	12 months from date of manufacture when stored unopened in a dry, ventilated place within the temperature range +5°C to +30°C
Coverage:	Dependant on the type of substrate and will be between 8 - 10 m ² per ltr.

Method of use

The substrates should be clean, dry, and free of dust and grease. Keep the packaging well closed until the moment of use. Do not use Prep M direct from the original packaging. Pour as much Prep M in a clean glass or tin as can be used within 30 minutes and immediately close the original tin firmly. Prep M should not be applied in too thick a coat. Wipe the surface with a clean, colour free cloth or tissue paper, wetted with Prep M. In this way the surfaces will be cleaned and pretreated in one step. After a drying time of approx. 5 minutes (solvent should be evaporated) the sealant or adhesive can be applied. Best results are obtained when the bonding/sealing will be realised within 6 hours after applying Prep M. Therefore do not apply more Prep M than can be sealed within 6 hours. Avoid contact with the pretreated surface, because this can cause poor adhesion.

Note 1: Because of poor paint compatibility of Prep M, this primer should not be applied on areas that have to be painted afterwards. In this case only apply Prep M on areas where the sealant or adhesive will be applied, by use of e.g. masking tape (however it is possible to remove residues of Prep M afterwards from the cleaned surfaces using Evo-Stik Cleaner 1 or Evo-Stik Cleaner 4. Test the substrate in advance to check possible effects. **Note 2:** If a surface is strongly contaminated clean first with Evo-Stik Cleaner 1. It is recommended to make a trial first to check possible attack of the substrate by Evo-Stik Cleaner 1.

IMPORTANT

Before embarking on any work involving Prep M, the separate Safety Data Sheet should be carefully studied by those carrying out the work.

Precautions in Use

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate health and safety data sheet for Prep M.

* Depending on the type of substrate, drying times can vary. For advice and additional information consult Bostik.

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Bostik Limited, Common Road, Stafford, ST16 3EH, England

Tel: +44 (0)1785 272727

Fax: +44 (0)1785 257898

www.bostik.co.uk