



PLASTIC PRIMERS

ATOOPPG500, ATOOPPW500

James Briggs a division of ITW Ltd
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1. Introduction

A range of acrylic primers designed to bond to rigid plastics, and to provide a surface suitable for the subsequent application of top-coats and lacquers.

Grey [ATOOPPG500]

White[ATOOPPW500]

2. Where to use

On most rigid, non-porous plastics, including glass reinforced polyester, polyurethanes, unplasticised PVC and most thermosets. This product is ideal for use on plastic bumpers and wheel trims.

3. Where not to use

- On flexible plastics
- On thermoplastics such as acrylics, polystyrene, polyolefins etc.

4. Benefits

- Promotes optimum adhesion to plastics surfaces
- Eliminates the need for specialised pre-treatments.
- Suitable for use on ferrous metals

5. Physical properties [Primer bases except where stated].

Appearance	Coloured liquids with characteristic paint solvent odours.
pH	Not applicable
Specific Gravity	1.15 – 1.28
Viscosity	500 – 1,600cPs
Non Volatiles % m/m	45 - 60
Active Content % m/m, as supplied	15 - 20
Flammability, as supplied	Extremely Flammable, flash point below -20°C
Composition Data, as supplied	A solvent based solution of an acrylic resin, containing a range of pigments, extenders, plasticizers, and thixotropes, dispersed in a butane/propane/isobutane hydrocarbon.
Volatile Organic Content as supplied	Compliant with EU Directive 2004/42/CE
Service Temperatures	Up to 80°C
Application Temperatures	15 - 25°C

6. Application Details

Prepare the area to be treated, ensuring freedom from dust, grime, mould release agents, greases, oils etc, using a detergent solution followed by rinsing thoroughly and drying. Corrosion, on ferrous surfaces, other surface contamination, and loosely adhering matter should be removed with an appropriate grade of wet and dry abrasive cloth. Following preparation the surfaces should be further treated with a solvent wipe, white spirit, or thinners and allowed to dry.



TECHNICAL DATA SHEET

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If in doubt about the composition of the substrate, undertake a small test application on an inconspicuous area prior to use to ensure suitability.

Shake the can thoroughly for at least two minutes. Repeat shaking at regular intervals during use.

Apply sparingly from a distance of 20 – 25cm. Apply 2 to 3 light coats as necessary to achieve total and even coverage, leaving at least 15 minutes between each application.

Allow at least 24 hours between application of final coating and preparation for any subsequent finishes that may be required.

On completion of use, invert can and depress actuator for a few seconds to prevent nozzle blockage.

7. Availability

500ml aerosols.

B047170/47172/10001, RJB, July 2013.