

Trimite Plastilac® AP210

Two Pack Polyurethane Primer

Description	A two pack polyurethane primer for plastic substrates.
Finish	Matt.
Features	<ul style="list-style-type: none"> • A fast drying primer designed for GRP, Noryl® and polyurethane rigid foam substrates (Noryl® is a trade mark of SABIC Innovative Plastics IP B.V.). • Not for use on polystyrene or other sensitive plastics. • The primer effectively masks surface imperfections. • Exhibits very good flattening properties when hard dry.
Complies With	Please consult Trimite.
Product Code	-/AP210.
Volume Solids	45% ± 2%.
VOC's	Below 500 g/l.
Colour Range	White (90/AP210), Light Grey (40/AP210).

Film Thickness & Coverage	Typical:	Dry 25 µm	Wet* 50 µm	Approx. Coverage* 8 - 9 m ² /l
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* The above wet film thickness and approximate coverage rates (for conventional spray) will vary with colour and the degree of thinning. Wet film thicknesses are approximate and are based on the typical degree of thinning recommended under 'Application Details'.

Actual coverage varies considerably with factors including surface porosity, roughness, application methods and conditions.

Drying & Overcoating Times at Typical DFT		10°C	20°C	30°C
	Surface Dry:	40 min	15 min	10 min
	Hard Dry:	12 h	6 h	3 h
	Overcoat Min:	12 h	6 h	3 h
	Overcoat Max:	14 days	7 days	3 days

Force Drying: increased temperatures may be used to reduce the drying time. This procedure must be carried out with care to avoid component deformation. The type of plastic, conditions of moulding and post-mould time will determine the maximum temperature that can be employed.

Drying and overcoating times can be greatly affected by method and conditions of application such as thickness applied, temperature, ventilation etc. Data above are given as a guide.

TECHNICAL DATA SHEET**Trimite Plastilac® AP210**
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Surface Preparation	<ul style="list-style-type: none">• The substrate must be thoroughly clean and free from mould release agents and static charges. Owing to the sensitivity of many plastics to certain solvents, Trimite Antistatic Cleaner J131 should be used.• It may be necessary to use a suitable static eliminator immediately prior to painting.
Mixing	Mix each component separately, and then thoroughly mix together in the mix ratio stated, using a power mixer. Stir occasionally during use to maintain an homogenous mix.
Mix Ratio	Base 10 volumes Activator J2511 1 volume.
Pot Life at 20°C	8 hours (do not use after this time, even though material may still look fluid).
Application Conditions	Throughout the application and the drying/curing time of coatings: (a) good ventilation is required; (b) do not apply when damp weather conditions are likely; (c) the substrate temperature should be at least 3°C above the Dew Point; and (d) the RH (Relative Humidity) should be below 85%. It is advisable not to apply the product when the ambient temperature falls below 5°C. The paint temperature at the time of application should ideally be 15° - 20°C.
Application Details	<ul style="list-style-type: none">• Designed for application by conventional spray.• Up to 5% Thinner PT1002 may be added to obtain a suitable viscosity.• Some mouldings may require two applications of primer to cover surface imperfections. In such cases, the first coat when Hard Dry should be flatted with 320 or 440 grade of abrasive paper and thoroughly dusted off, before applying the subsequent coat.• Contains isocyanates – the mixed product and the curing agent contain isocyanates (the base does not). Refer to base and curing agent Safety Data Sheets before use.
Thinner/Cleaner	Thinner PT1002 (for thinning and cleaning).
SG	1.45 ± 0.15 kg/l.
Flash Point	23° - 60°C.
Shelf Life	Min. 1 year from date of delivery when correctly stored in unopened containers.
Storage	The product should be stored in cool, dry, frost-free conditions, in sealed containers. Most paint materials will apply optimally when at 15° - 20°C.
Health & Safety	Refer to the product's Safety Data Sheet and safety advice on the product label before use.
Date of Issue	Jan 2024.

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