

Trimite Plastilac® AP201

Air Drying Primer for Polypropylene

Description	A fast drying, clear vinyl primer for polypropylene.			
Finish	Clear.			
Features	<ul style="list-style-type: none"> • Designed as an adhesion primer for subsequent paint coatings over polypropylene. • Apply by dipping or spraying. 			
Complies With	Please consult Trimite.			
Product Code	20/AP201.			
Volume Solids	4% ± 0.2%.			
VOC's	Below 830 g/l.			
Colour Range	Clear.			
Film Thickness & Coverage	Typical:	<u>Dry</u> 2.5 µm	<u>Wet*</u> 50 µm	<u>Approx. Coverage*</u> 12 - 18 m ² /l
	<p>* The above wet film thicknesses and approximate coverage rates (for conventional spray) will vary with colour, gloss level and the degree of thinning. Wet film thicknesses are approximate and are based on the typical degree of thinning recommended under 'Application Details'.</p> <p>Actual coverage varies considerably with factors including surface porosity, roughness, application methods and conditions.</p>			
Drying & Overcoating Times at Typical DFT		<u>10°C</u>	<u>20°C</u>	<u>30°C</u>
	Surface Dry:	10 min	5 min	3 min
	Hard Dry:	2 h	45 min	20 min
	Overcoat Min:		see below*	
	<p>Force Drying: increased temperatures usually up to 60°C may be used to reduce the drying time. This procedure must be carried out with care to avoid component deformation. The grade of polypropylene and type of moulding will determine the maximum temperature that can be employed.</p> <p>* Overcoating: product is designed for immediate overcoating subject to Hard Dry times shown and should not be left any longer than necessary before topcoating.</p> <p>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.</p>			

TECHNICAL DATA SHEET**Trimite Plastilac® AP201**
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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.• For maximum efficiency when cleaning, vapour degreasing is recommended. This also enhances the primer adhesion.• If vapour degreasing is not possible, then the use of Antistatic Cleaner J131 is recommended, or a wash in a hot detergent solution followed by rinsing and drying. J131 is also available in cloth form as T Wipes 3 (MP0305) which may be more convenient.• It may be necessary to use a suitable static eliminator immediately prior to painting.
Mixing	Thoroughly stir the coating before use. A power mixer is highly recommended. A wide-bladed stirrer is essential for adequate mixing if only hand stirring. Stir occasionally during use to maintain an homogenous mix.
Mix Ratio	Not applicable – single pack product.
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">• This product is designed for application by dip or conventional air spray.• Dipping: supplied ready for use, and should be maintained at supply viscosity by the addition of T Degreaser J102 thinners.• Conventional (Air) Spraying: T Degreaser J102 thinners should be added, up to 1 part thinner to 1 part AP201 Primer, to obtain a suitable viscosity at application temperature.• Note: It is essential to apply only a thin film of AP201 Primer.
Thinner/Cleaner	T Degreaser J102 (as thinner) / J103 Gun Cleaner (as cleaner).
SG	0.88 ± 0.03 kg/l.
Flash Point	Below 23°C – LOW FLASH MATERIAL.
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.

Information provided in this leaflet is given in good faith but without warranty or assumed liability, as the conditions of application and use are beyond our control. Data are accurate to the best of our knowledge at the time of issue but may be revised in the light of new knowledge and the user should check that data are current before use. The user must satisfy themselves about the product's suitability for their own purpose and refer to the Safety Data Sheet for this product before use. For industrial or professional use only unless specifically stated otherwise.