Trimite Plastilac® APF200

Air Drying Primer Filler

Description

A fast drying acrylic primer filler, designed for most solid or structural foam plastics.

Finish

Matt.

Features

- Good resistance to strong solvents when dry.
- Can be used as a barrier coating on plastics such as ABS, polystyrene and polycarbonates, enabling them to be topcoated with two component urethanes, and other types of coating that may attack these substrates.
- Its high build enables it to fill imperfections such as swirl marks and provide a smooth foundation for subsequent coats.

Complies With

Please consult Trimite.

Product Code

-/APF200.

Volume Solids

45% ± 2%.

VOC's

Below 500 g/l.

Colour Range

White (90/APF200), Black (8/APF200), Light Grey (40/APF200).

Film Thickness & Coverage

	Dry	Wet*	Approx. Coverage*
Typical:	25 µm	75 µm	9 - 10 m^2/l

* The above wet film thicknesses and approximate coverage rates 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'.

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

Drying & Overcoating Times
at Typical DFT

	10ºC	20ºC	30ºC
Surface Dry:	20 min	10 min	5 min
Hard Dry:	4 h	2 h	1 h
Overcoat Min:	4 h	2 h	1 h
Overcoat Max:	12 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, condition 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.

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Surface Preparation	• 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, **Antistatic Cleaner J131** should be used. • 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 3ºC 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 5ºC. The paint temperature at the time of application should ideally be 15º - 20ºC.
Application Details	• Designed for application by conventional spray. • Thinner PT1000 may be added, up to equal parts by volume, to obtain a viscosity of 16 - 18 seconds using a BS B4 viscosity cup. • Note: some mouldings may require two coats of APF200 Primer Filler to cover surface imperfections. When hard dry, the first coat should be flatted with 320 or 400 grade of abrasive paper, before applying a second coat of APF200.
Thinner/Cleaner	Thinner PT1000 (for thinning) / Thinner CT80 (for cleaning).
SG	1.30 $\pm$ 0.15 kg/l.
Flash Point	Below 23ºC – 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 15º - 20ºC.
Health & Safety	Refer to the product's Safety Data Sheet and safety advice on the product label before use.
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