

Product Information

Product Description:

FP600 is a 1K Plastic Primer, ready for use product for plastic parts.

Preparation:

For more detailed information go-to TI-Substrate and Pre-treatment on Colour Retrieval System (CRS) or website www.valsparindustrialmix.com.

Substrates:

PP (test always), ABS, PUR, PA, EPDM (Always test plastics to be 100% sure of Adhesion)
Note: Do not use over Polyethylene (PE) or Polystyrene (PS).

The durability and adhesion of the coating system largely depends on the quality of the preparation of the plastic surface. New plastic parts must be baked following scuffing with pad grey or gold with warm soapy water to remove all release agents

Cleaning:

Surface must be dry and free from any contamination, e.g. oil, grease, release agents.
 Use AD690 Solvent Degreaser or Anti Static Cleaner.

Material Description: FP600

Application Method	Minimum DFT μm	Maximum DFT μm	Minimum WFT μm	Maximum WFT μm
Spraying equipment	5 μm	10 μm	---	---

Recoating:

All VIM Primers: FP/PB300, FP400/401, FP/PB500 (see TDS IME.xxxxx)
 (Except FP402 Epoxy Primer Zinc rich)

and/or VIM Topcoats: TB300, TB400, TB500/510/520/540/543/TW518/TY518 (see TDS Txxxx)

Physical properties:

Chemical base	Special resins
Density (kg/l)	0,876 (Binder)
Volume solids (%)	4.4%
Weight Solids (%)	4.0%
Flash point	24°C
Pot life (+20°C)	Approx. 1 – 2 hours
Shelf life	Min. 24 month under normal storage conditions and unopened tins
Coverage (m ²)	Approx. 8 m ² (at 5-10 μm DFT – one layer)
Gloss	matt
Color	transparent/clear
Temperature Stability	Dry Heat up to 150°C
VOC (g/l)	Max. 700g/l (VOC: 2004/42/IIB(a)850g/l)
Processing temperature	+10°C till max. +40°C, max. Humidity 85%

Application Data

	Preparation/ Cleaning:	Plastic surfaces must be properly cleaned (sometimes scuffed) AD690 Solvent Degreaser or Anti Static Cleaner Grey or gold scuff pad Surface must be dry and free from any contamination, e.g. oil, grease
	Handling:	Shake before use.
	Mixing ratio: (By volume)	Ready for use
	Viscosity:	12 – 14 sec. (DIN4/20°C)
	Gravity or Suction Feed:	Nozzle set Spray gun "High pressure" Spray gun "Reduce pressure" HVLP (Air cap pressure) Airless/Airmix Pressure Pot
		1.2 – 1.4 mm 3.0 – 4.5 bar (42 – 65 psi) 1.5 – 2.5 bar (21 – 36 psi) 0.7 bar (10 psi) maximum Not recommended 1.0 – 1.2mm
	Application:	1 coat
	Film Thickness:	(recommended 5 – 10µm)
	Drying time 20°C:	20 minutes till 2 hours (After two hours recoat again with FP600)
	Clean up: (Check the local regulations!)	RS605/607/609 Universal Reducer or Gun cleaner (solvent)
	Over coating with:	VIM Primer: FP/PB300 or FP400/401/ FP/PB500 and / or VIM Topcoats: TB300 or TB400 or TB500/510/520/540/543/TW518/TW518 (for more information see TDS)
	IR-dry:	Not recommended
	Use suitable respiratory protection (air fed respirator is strongly recommended).	



Precautions: During application all health and safety measures referring to the use and handling of coating materials are to be observed, e. g. existing regulations issued by the trade associations in the Chemical Industry. For Health and Safety information please refer the Material Safety Datasheet (MSDS). Information also available on our webpage: www.valsparindustrialmix.com

Note: The products listed are intended only for the professional user and for professional use. All recommendations given in writing on the use of our products to customers to customers or users are not binding and do not give reasons for secondary obligations resulting from the bill of sale. Every care is taken to ensure that the technical information provided is accurate and up to date according to the present state of knowledge in science and our experience. These recommendations do not, however, exempt the customer from autonomously checking whether our products are suitable for the intend purpose. The durability of the coating system largely depends on the thorough preparation of the surface. Furthermore our uniform terms of delivery and payment are applicable.

With the publication of this Technical Data Sheet all previous versions regarding this product are no longer valid.