EMEAI Valspar bv
Zuiveringweg 89
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www.valsparindustrialmix.com

Product Information

Product Description:
FP620 1K Wash Primer grey is a fast drying, low build product. It is designed to promote the adhesion and give basic corrosion protection on recommended substrates. (For higher corrosion protection on steel parts overcoat with FP510 Surfacer Performance grey) Suitable for use on small and large surfaces, used as wet on wet system, maximum dry film build should be 20µm, with recommended VIM/LIC Primer and/or Topcoats.

Note: Do not use polyester putty over FP620 Wash Primer, do not use as an isolator, to repair thermoplastic acrylic finishes or overcoat with Epoxys.

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

Substrates:	Bare metals: steel, cast iron, galvanized steel, aluminum, Solvent resistant surfaces, cleaned/sanded/hardened original and cured coatings, Polyester putties and glass fiber reinforced plastics.
Iron/steel:	Dry sanding P180 – P280 or scuff pad (very fine)
Aluminum:	P240 – P280 or scuff pad (very fine)
Galvanized:	P240 – P280 or scuff pad (very fine)
Paint finishes: (very fine)	P280 – P320 (Please, check and change abrasive paper regularly on machine) or scuff pad
Cleaning:	Surface must be dry and free from any contamination, e.g. oil, grease, corrosion & release agents. Use AD690 Solvent Degreaser

Material Description: FP620				
Application Method	Minimum DFT µm	Maximum DFT µm	Minimum WFT µm	Maximum WFT µm
Spraying equipment	10µm	20µm	15µm	25µm

Primer (optional):	Can be coated with: FP500/PB500/FP510, VIL Primers
Topcoat:	Recoat from a range of Valspar Industrial Mix / VIL Topcoats: TB500 VOC compliant and TB300/TB510/511/512/520/TW518/TY518 non-VOC compliant, MI or IC + CC700/CC710 More detailed information go-to Technical Data Sheet.

Physical properties:

Chemical base	Phenolic resin	
Density (kg/l)	1,052 (Primer)	(RFU 4:1)
Volume solids (%)	19.4 %	15.5 %
Weight Solids (%)	32.7 %	26.9 %
Flash point	24,5°C	
Pot life (+20°C)	5 days	
Shelf life	Min. 24 month under normal storage conditions and unopened tins	
Coverage (m²)	Approx. 10,5m² 20µm DFT (100% transfer efficiency)	
Gloss	Matt	
Color	Transparent Grey	
Temperature Stability	Dry Heat up to 140°C	
VOC (g/l)	Max. 710g/l see CRS (VOC: 2004/42/IIB(c)540g/l)	
Processing temperature	+10°C till max. +40°C, max. Humidity 85%	

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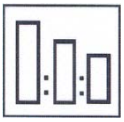
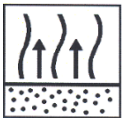
Application Data

 	**Preparation/ Cleaning:**	**All surfaces must be properly sanded (dry sanding) and cleaned** Iron/steel: P180 – P280 Aluminum: P240 – P280 Galvanized: P240 – P280 Paint finishes: P280 – P320 Scuff pad: Fine until Ultra fine (according to the selected coating system) Cleaning: AD690 Solvent Degreaser Surface must be dry and free from any contamination, e.g. oil, grease	
	**Handling:**	**Before use/spraying:** 1. Mix mechanically (paint shaker/ mechanical stirrer) 2. Add Reducer 3**.** Stir this mixture well with a mixing stick or a (pneumatic) stirrer	
	**Mixing ratio with Reducer:** (By volume)	FP620 Wash primer RS605/607/609 Universal Reducer	4 parts 1 part
	**Mix stick:**	Use the Mixing stick **M2 4:1** (74-202 = 3:1/4:1) or **M6 Universal cm-stick** (74-206 standard) / **M7** (74-207 large)	
	**Viscosity:** 16 – 18 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	 1.3 – 1.5 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 – 1.2 mm	
	**Application:** **Film Thickness:**	1 full coat or ½ coat followed by 1 full coat 10 – 20µm (DFT)	
	**Between coats at 20°C:** **Before baking at 20°C:**	5 minutes N/A	
	**Clean up:** (Check the local regulations!)	RS605/607/609 Universal Reducer or Gun cleaner (solvent)	
	**Air–dry at 20°C:** **Force–dry:**	**Dust Free:** 5 minutes **Dry:** 15 minutes N/A	

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	**IR–dry:**	N/A
	**Use suitable respiratory protection (air fed respirator is strongly recommended).**	
	**Recoatable (Primer):** **Recoatable (Topcoat):** (wet on wet) After min. 20 min./20°C <20µm	FP500/PB500/FP510 TB300/TB500/510/511/512/520/TW518/TY518, MI, IC + CC700 or CC710 (See Technical Data Sheet) After 24 hours: Sanding required (P320-P400 or scuff pad)
	**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 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.	