EMEAI Valspar bv
Zuiveringweg 89
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TB532 Fleet-Coat Extra Matt Topcoat TB532 / UK

Product Information

Product Description:
TB532 Fleet-Coat Extra Matt Topcoat with 80% Binder - 20% Color Toner is a two-component polyurethane/acrylic topcoat. It forms a nice-looking film, hard and elastic with very great resistance to chemicals and weather conditions, to detergents, fuels and lubricants. This Extra Matt Topcoat is developed for Fleet OEM and aftermarket repairs, has excellent air- and force-dry capabilities and provides very good UV protection. The film's peak resistance is obtained after 7-8 days.

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

Substrates:

Surfaces coated with Primers:	FP400/401/440 Epoxy Primer, FP500/PB500/PB500-S PU Primer DTM, FP640 Etch Primer in combination with FP510/511 HS Surfacer. On Plastic parts use FP600 Plastic Primer (adhesion test recommended).
Other:	Solvent resistant surfaces, cleaned/sanded/hardened original and cured coatings.
Dry sanding:	P320 – P400 eccentrically machine
Note:	Please, check and change abrasive paper regularly as required
Advice:	We suggest using dry sanding by Orbital sander!
Wet sanding:	P600 – P1000 (not recommended)

Cleaning: Surface must be dry and free from any contamination, e.g., oil, grease, release agents, use AD690 Solvent Degreaser.

Material Description: TB532 Fleet Coat Extra Matt Topcoat

Application Method	Minimum DFT µm	Maximum DFT µm	Minimum WFT µm	Maximum WFT µm *
Low pressure Spraying	50µm	70µm	60µm	100µm
Airless/Airmix	70µm	100µm	100µm	140µm

* Higher thicknesses possible if given extended drying times

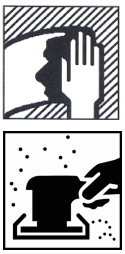
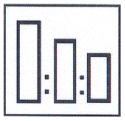
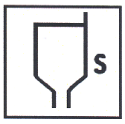
Additives optional: AD601/602 Texture Additive fine/coarse (see TDS: AD601/602).

Physical properties:

Chemical base	Polyurethane/Acryl mix
Density (kg/l)	1,113 (Binder)
Volume solids (%)	48,1 %
Weight Solids (%)	46.5 %
Flash point	23.5°C
Pot life (+20°C)	Approx. 2 – 3 hours
Shelf life	Min. 24 month under normal storage conditions and unopened tins
Coverage (m²)	Approx. 7,2 m²/L 40µm (DFT)
Gloss	Matt 5-10 GU/60°
Color	Binder greyish
Temperature Stability	Dry Heat up to 140°C
VOC (g/l)	Max. 590g/l see CRS (VOC: 2004/42/IIB(d)420g/l)
Processing temperature	+10°C till max. +40°C, max. Humidity 85%

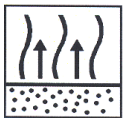
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Application Data

	**Preparation/ Cleaning:**	**All surfaces must be properly sanded and cleaned** Dry sanding: P320 – P400 eccentrically machine Wet sanding: P600 – P1000 (not recommended) Cleaning: AD690 Solvent Degreaser Surface must be dry and free from any contamination, e.g. oil, grease	
	**Handling:**	**Color preparation:** 1. Stir binder until homogeneous 2. Add Color Toners 3. Mix mechanically (paint shaker/ mechanical stirrer)	**Before use/spraying:** 1. Mix mechanically (paint shaker/mechanical stirrer) 2. Add Activator and Reducer 3. Stir this mixture well with a mixing stick or a (pneumatic) stirrer
	**Mixing ratio with Color Toner:** (By volume)	TB532 **Fleet-Coat Binder** Extra Matt CT Range of VIM Color Toners	80 parts 20 parts
	For mixing machine users:	For mixing formula's see VIM CRS	(By weight)
 	**Mixing ratio with Activator and Reducer:** (By volume)	TB532 **Fleet-Coat Topcoat** Extra Matt AU577 HS Activator Very Fast or AU576 HS Activator Fast or AU575 HS Activator Medium or AU574 HS Activator Slow RS605 Universal Reducer Medium or RS607 Universal Reducer Slow or RS609 Universal Reducer Ultra Slow	8 parts 1 part add 30 – 50%
	Faster process of drying:	AA600 Accelerator	Max. 3%
	Mix stick:	Use the Mixing stick **M6 Universal cm-stick** (74-206 standard) / **M7** (74-207 large)	
	**Viscosity:** 16 – 22 sec. (DIN4/20°C)		
	**Gravity or Suction Feed:** Nozzle set Spray gun "High pressure" Spray gun "Reduce pressure" HVLP (Air cap pressure) Airless (100 – 120 bar) Airmix (60 – 70 bar) Pressure Pot	 1.6 – 1.8 mm 3.0 – 4.5 bar (42 – 65 psi) 1.5 – 2.5 bar (21 – 36 psi) 0.7 bar (10 psi) maximum 0.009 – 0.0013 inch 0.009 – 0.0013 inch (Air cap 1.5 – 2.5 bar) 1.2 – 1.3mm	
	**Application:** **Film Thickness:** (recommended 50 – 70µm)	**Option 1:** ½ coat followed by 1 full coat min. 50µm (DFT)	**Option 2:** 1 full closed coat followed by 1 full closed coat 50 – 70µm (DFT)

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	**Between coats at 20°C:** **Before baking at 20°C:**	2 – 5 minutes 5 minutes	5 – 10 minutes 5 minutes
	**Additional Glosslevels:**	In order to obtain different degrees of Gloss, from silk gloss to silk matt, the two binders TB530 and TB532 can be mixed as desired. By changing the gloss level, the shade may also change slightly.	
	**Clean up:** (Check the local regulations!)	RS605/607/609 Universal Reducer or Gun cleaner (solvent)	
	**Air–dry at 20°C:** **Force–dry at 60°C:**	**Dust Free:** 15 – 25 minutes **Dry to assembly:** 2 – 4 hours **Dry:** 24 hours 20 – 30 minutes (object temperature)	
	**IR–dry:**	10 – 15 minutes (The panel must not exceed 90°C)	
	**Use suitable respiratory protection (air fed respirator 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 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.