

Product Information

Product Description:

IME.AD309 Synthetic High Build Additive converts the VIM Synthetic Series (IME.TB300) into a high build coating with excellent protective properties and high chemical resistance. IME.AD309 is specially developed for Industrial OEM and aftermarket repairs. Enables fast operation - reducing costs, air-dry only recommended. If required use IME.AS300 Synthetic Activator to improve the curing and the chemical resistance.

Addition of IME.AS300 you will expect some loss of gloss.

Surfaces/Areas for application:

Indoor: Iron, steel, galvanized steel, cast iron, aluminum.

Outdoor: For metal substrates use IME.PB300 or IME.FP300 Synthetic primer before the Topcoat is applied.

Other: Shipping Containers, steel construction, chassis, solvent resistant surfaces, cleaned/sanded/hardened, original and old coatings.

Preparation:

Dry Sanding VIM recommended Primers: P320 – P400.

Wet sanding VIM primers: P400 – P800

Dry Sanding: P180

Galvanized: Sweep Blasting recommended

(More Detailed information go-to Preparation and Pre-treatment on Icris/CRS or website www.valsparindustrialmix.com)

Surface Preparation: Abrasive blast to EN ISO 12944, Part 4 (ISO Sa 2.5) with a uniform blast profile of 20 to 50µm.

Material Description	Application Method	Minimum DFT µm	Maximum DFT µm	Minimum WFT µm	Maximum WFT µm
IME.AD309	Spray	75µm	200µm	100µm	250µm

Cleaning:

Surface must be dry and free from any contamination, eg oil, grease, release agents. Use IME.AD690 Solvent Degreaser or Valspar Wax and Grease Remover.

(More Detailed information go-to cleaning processes on ICRIS/CRS or website www.valsparindustrialmix.com)




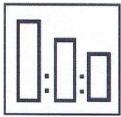
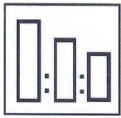
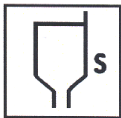


Physical properties:

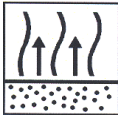


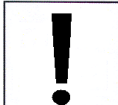
Chemical base	Polyester resins and thixotropic agents
Density (kg/l)	1.085
Volume Solids (%)	39%
Weight solids (%)	46%
Flash point	8.5°C
Pot life (+20°C)	Approx. 2 – 3 hours
Shelf life	Min. 24 month under normal storage conditions and unopened tins
Coverage (m ² /kg)	Approx. 7.5 – 8m ² (at 40µm dry film thickness)
Gloss	Satin gloss
Color	Transparent grey
Temperature Stability	Dry Heat up to 120°C
VOC (g/l)	
Processing temperature	+10°C till max. +40°C, max. Humidity 85%

IME.AD309 Synthetic High Build Additive

IME.AD309 / UK

Application Data

	Cleaning:	IME.AD690 Solvent Degreaser Valspar Wax and Grease Remover Surface must be dry and free from any contamination, e.g. oil, grease.	
	Before using: The product must be shaken after adding the Color Toners and thoroughly stirred directly after the Activator and Reducer have been added.		
	Mixing stick: Use the Mixing stick M2 (74-202 - 3:1 / 4:1) or M6 (74-206 standard) / M7 (74-207 large) Universal cm-stick		
IME.TB300 Synthetic Topcoat DTM and IME.AD309 Synthetic High Build Additive with Reducer			
	Mixing ratio with Reducer (By volume)	IME.TB300 Synthetic Topcoat DTM High Gloss IME.AD309 Synthetic High Build Additive IME.RS300 Synthetic Reducer	4 parts 2 – 4 parts (50 – 100%) + 0 – 25%
IME.TB300 Synthetic Topcoat DTM and IME.AD309 Synthetic High Build Additive with Activator			
	Mixing ratio with Activator and Reducer (By volume)	IME.TB300 Synthetic Topcoat DTM High Gloss IME.AS300 Synthetic Activator IME.AD309 Synthetic High Build Additive IME.RS300 Synthetic Reducer	4 parts Max. 1 part (25%) + 40 – 80% + 0 – 20%
	Viscosity: N/A		
	Gravity or Suction Feed Nozzle set Spray gun “High pressure” Spray gun “Reduce pressure” HVLP (Air cap pressure) Airless/Airmix		1.5 – 2.0 mm 3.0 – 4.5 bar (42 – 65 psi) 1.5 – 2.5 bar (21 – 36 psi) 0.7 bar (10 psi) maximum See info manufacturer
	Application: Film Thickness: (Recommended 75 – 150 µm)	Option 1: ½ + 1 full coats 75 – 100µm (DFT)	Option 2: 1 closed coat followed by 1 – 2 full coats 120 – 200 µm (DFT)

	Between coats at 20°C:	0 – 2 minutes between coats	0 – 5 minutes between coats
	Air-dry at 20°C: Do not force dry.	Dust Free: 1 – 2 hours Dry to assembly: 12 – 16 hours Dry: 48 hours	
	Use suitable respiratory protection (we recommend the use of a fresh air supply respirator).		
	<p> 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 </p> <p> Note: The products listed are intended only for the professional user and for professional use. All recommendations in words and writing given 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. </p> <p> With the publication of this Technical Data Sheet all previous versions regarding this product are no longer valid. </p>		