

Product Information

Product Description:

IME.AD602 Texture Additive Coarse use to convert the VIM PU Series (IME.TB510/11/12/20) into a coarse texture paint surface. IME.AD602 is specially developed for Industrial OEM and aftermarket, has air and force-dry capabilities. Adding IME.AD602 improves the flexibility. Different surface effects can be achieved by using, different Spray technique, changing thinning ratios, different layer thickness or apply a drop coat after flash off.

Substrates:

Iron, steel, stainless steel (blasted), galvanized steel, cast iron, aluminum, Shipping Containers, steel construction, commercial vehicles, chassis, solvent resistant surfaces, cleaned/sanded/hardened original and old cured coatings.

With IME.TB520 use a suitable primer.

Preparation:

Dry Sanding VIM Primers: P180 – P240

Wet sanding VIM Primers: P400 – P800

Dry sanding: P80 – P180

(More Detailed information go-to Preparation and Pre-treatment on 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.AD602 | Spray | 40µm | 70µm | 55µm | 95µm |

Cleaning:





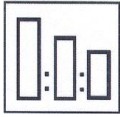
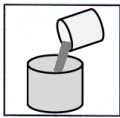
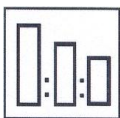

Surface must be dry and free from any contamination, eg oil, grease, release agents. Use IME.RS605/607 Universal Reducer (Metal surfaces) or IME.AD690 Solvent degreaser.



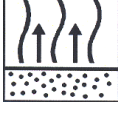


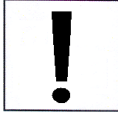
(More Detailed information go-to cleaning processes on CRS or website www.valsparindustrialmix.com)

Physical properties:

| | |
|-------------------------------|---|
| Chemical base | Hydroxy-acrylic resins / polypropylene |
| Density (kg/l) | 1.012 |
| Volume Solids (%) | 60.6% |
| Weight solids (%) | 66% |
| Flash point | 27°C |
| Pot life (+20°C) | approx. 1 – 2 hours |
| Shelf life | min. 24 month under normal storage conditions and unopened tins |
| Coverage (m ² /kg) | approx. 8.5 – 9m ² (at 40µm dry film thickness) |
| Gloss | reduction of gloss |
| Color | milky |
| Temperature Stability | Dry Heat up to 120°C |
| VOC (g/l) | Max. 600 g/l (VOC: 2004/42/II B(e)(840)600) |
| Processing temperature | +10°C till max. +40°C, max. Humidity 85% |

Application Data

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|--|--|--|-------------------------------|
|  | Cleaning: | (Metal substrate surface only: IME.RS605 Universal Reducer) Primer surface use: IME.AD690 Solvent Degreaser 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 with: IME.TB510/11/12 PU Topcoat DTM | | | |
|  | Topcoat / structure additive Mix Stick M1 74-201 (1:1/2:1) | PU Topcoat TB510/11/12 Mix Stick M3 74-203 (4:1/5:1) | |
|  | Mixing ratio with Structure Additive: (By volume) | IME.TB510/11/12 PU Topcoat Binder DTM mixed with toner IME.AD602 Texture Additive Coarse | 2 Parts 1 Part |
|  | Mixing ratio with Activator and Reducer: (By volume) | IME.TB500/10/11/12 PU Topcoat DTM + AD602 Additive IME.AU500 PU Activator IME.RS603 Universal Reducer Fast or IME.RS605 Universal Reducer Medium or IME.RS607 Universal Reducer Slow | 5 parts 1 part + 10-20% |
| | Faster process of drying: | IME.AA600 Accelerator | + 3 – 5% |
| Mixing with IME.TB520 PU Topcoat Basic (in combination with suitable Primer): | | | |
|  | Mixing ratio with Structure Additive: (By volume) | IME.TB520 PU Topcoat Basic Binder mixed with toner IME.AD602 Texture Additive Coarse | 2 Parts 1 Part |
|  | Mixing ratio with Activator and Reducer: (By volume) | IME.TB520 PU Topcoat mix + AD602 Additive IME.AU500 PU Activator IME.RS603 Universal Reducer Fast or IME.RS605 Universal Reducer Medium or IME.RS607 Universal Reducer Slow | 6 parts 1 part + 10-20% |
|  | Viscosity: (DIN4/20°C) | | |

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|--|---|---|---|
|  | Gravity or Suction Feed: Nozzle set Spray gun "High pressure" Spray gun "Reduce pressure" HVLP (Air cap pressure) Airless/Airmix Pressure Pot | 1,5 – 1,7 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 1.0 – 1.5mm | |
|  | Application: Do not use a paint strainer before use! Film Thickness: (Recommended 40 – 70 µm) | Option 1: Smooth Finish ½ + 1 full coat (with more thinner) 40 – 50µm (DFT) | Option 2: Textured coat 1 closed coat followed by 1 light/full coat (with less thinner) 50 – 70 µm (DFT) |
|  | Between coats at 20°C: Before baking at 20°C: | 2 minutes between coats 5 minutes before Force-dry | 5 – 10 minutes between coats 5 minutes before Force-dry |
|  | Air-dry at 20°C: Force-dry at 60°C – 70°C: | Dust Free: 30 – 60 minutes Dry to assembly: 3 – 5 hours Dry: 8 – 10 hours 30 minutes 60°C object temperature | |
|  | 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> | | |