

Preparation description: Existing painted surfaces

General Information:

Existing painted surfaces may be repainted due to: a damaged substrate, restoration, colour change and corrosion etc. The surfaces generally have residues of some kind, among which could be oils, bitumen, tree resin, bird droppings, conservation media, salts, etc. To remove mineral residues such as salts use aqueous cleaners or clean water. Solvent-based cleaners such as silicone remover (Degreaser) which evaporate slowly should be used on stubborn residues such as bitumen, oil, etc.

The total thickness after any repair work should not exceed 250µm.

The surface to be painted must be dry, clean and free from any contamination, e.g. corrosion, oil, grease, release agents.



It is very important to use the correct PPE (personal protective equipment), such as gloves, glasses, mask, and protective overalls

Use only the appropriate tools, equipment and certified grinding media.

Use slower evaporating cleaners to avoid condensation on the surface. Do not apply any paint products to objects which are subject to the influence of moisture. Recoating must be executed without any undue delay (within 60-90 minutes), with direct lacquers or primer and topcoat.






Cleaning

Products: AD690 Degreaser

	to refine 1x	Use the recommended products with a soaked cloth/rag to remove the residues on the surface.
	wipe dry	With a clean dry cloth, wipe the dissolved contaminant from the surface, repeat until the surface is dry. Note: Check the existing coating for damage, adhesion, corrosion, etc. Decide which kind of preparation and paint system to use.




Preparation - Sanding

Products: P80 – P180 – P240 grinding (eccentric) machine or scuff- pad

	Beam technology	Recommended methods are: dry ice blasting or possible blasting medium. Remove the existing coatings. Choose the right pressure depending on the thickness and construction of the object.
	sanding	Existing coatings must be sanded after cleaning process with an eccentric grinding machine (<5mm rotary lift unit), a sanding disk and aspirator. Sanded surfaces should be as follows: for putty, P80/P120; for primer and surfacer, < P240; for direct lacquers, use a P320 sanding disk (to avoid sanding marks).
	scuffing	With a nylon-perlon abrasive part to roughen the coated surface, e.g. a fine/ultra fine scuff pad. Treat edges and corners with care.
Optional:		
	Putty (in case of damage)	Remove the coating from the damaged area and choose suitable Valspar putty. Add the hardener according to the TDS
	sanding	Sand the putty zone back with P80 or P120, then between P150 and P180, and finally P240 (do not use steps in sanding more than P100 difference).


Cleaning

Products: AD690 Degreaser

	cleaning with pressurized air	The sanded/scuffed surface must be cleaned with compressed air so that loose abrasive particles which were not vacuumed by the suction device are removed.
	to refine 1x	Use the recommended products with a soaked cloth/rag to remove the residues on the surface.
	wipe dry	With a clean dry cloth, wipe the dissolved contaminant from the surface, repeat until the surface is dry.

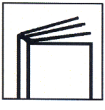
Coating


Depending on the recommendation, such as a HVLP/LVLP/RP spray gun or low-high pressure pump.

	to coat	Application of direct to metal topcoats, primer, primer surfaces with basecoat and clearcoat or topcoat. Note: For the best result use; Primer or Primer with Surfacer, sand the Primer back after drying and apply the Topcoat.
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Please select a suitable paint system from the “System Technique” datasheets.

Further Information

	For more information see: <ul style="list-style-type: none"> • Information at CRS (ICRIS, COINS, Valspar refinish) • Purple Box starter pack information sheets • Information on our webpage (www.valsparindustrialmix.com) <ul style="list-style-type: none"> ○ Technical Information ○ Technical Data sheets
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	<p>This preparation description has been developed in order to enable professional users to maintain high quality standards for Valspar (Light) Industrial Mix and Commercial vehicle systems.</p> <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 to the Material Safety Datasheet (MSDS). Information is also available on our web page: www.valsparindustrialmix.com</p> <p>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 non-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 independently checking whether our products are suitable for the intended purpose. The durability of the coating system largely depends on 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>
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