

Preparation description: **Wood**

**General Information:**

Wood can be coated when the substrate has been fully dried out. For outdoor objects, conifers (e.g. pine) must have a moisture content below 15% and deciduous trees must have a moisture content below 12%. For indoor wood objects, the figure is 10% with both woods.

Recommendation: depending on the condition as a board, slice or smooth prepared wooden surface, the user should spray the first layer with more or less hardener and reducer. The structure of the wood will suck the paint deeper into the wood. Around 20-30 min. after drying, the wood fibre can be sanded or scuffed with a pad.

The surface to be painted must be dry, clean and non-resinous.

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 and equipment, and certified grinding media.

Wood can be painted with direct lacquers or primer and topcoat - except makassar or teak, for which this is not recommended.

**Preparation - Sanding**

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

	sanding	The surface could be sanded with an eccentric grinding machine (<5mm rotary lift unit), sanding disk and aspirator.
	scuffing	With a nylon-perlon abrasive part to roughen the coated surface, e.g. a fine/ultra fine scuff pad. Treat the edges and corners with care.

**Cleaning**

Products: if necessary AD690 Degreaser

	cleaning with pressured 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.
Optional: to remove wood resin		
	to refine 1x	Use the recommended products with a soaked cloth/rag to remove the residues on the surface.

**Coating**

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

	to coat – first layer Primer or Topcoat	Spray the first layer, for 1K products with 50-100% more reducer/thinner, for 2K products with 50% more hardener/activator and 50-100% more reducer/thinner as in the TDS.
	Sanding or scuffing (Optional)	After drying cut the wood fibre with P320 or P400 or with a suitable scuff-pad.  Clean the surface with pressured air and/or tack-rag.
	to coat standard mixture (according to TDS)	Application of direct to metal topcoats, primer, primed surfaces with basecoat and clearcoat or topcoat.

Select a suitable paint system from the “System Technique” datasheets.

## Further Information



For more information see:

- Information at CRS (ICRIS, COINS, Valspar refinish)
- Purple Box starter pack information sheets
- Information on our web page ([www.valsparindustrialmix.com](http://www.valsparindustrialmix.com))
  - Technical Information
  - Technical Data sheets



This preparation description has been developed in order to enable professional users to maintain high quality standards with Valspar (Light) Industrial Mix and Commercial vehicle systems.

**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 webpage: [www.valsparindustrialmix.com](http://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 independently checking whether our products are suitable for the intended 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.