

Preparation description: **Stainless Steel**

General Information:

Stainless steel, also known as inox steel or inox is a steel alloy with a minimum of 10.5% chromium content by mass. Stainless steel does not readily corrode, rust or stain with water as ordinary steel does. Stainless steel is used where both the properties of steel and corrosion resistance are required.

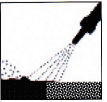
The surface of stainless steel is very smooth, hard and not easy to key with abrasives. However, shot blasting preparation will effectively create a good contact area for optimum adhesion of the coating. The surface to be painted must be dry, clean and free from any contamination, e.g. oil, grease, and so on...

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.


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

Shot blasting


Products: blasting material such as aluminium oxide, steel grit, steel shot, garnet, blast furnace slag...


	<p>Beam technology</p>	<p>Recommended methods are: air blasting, centrifugal wheels (dry) and any other suitable blasting medium for the stainless steel objects.</p>
--	------------------------	--

Cleaning

	<p>cleaning with pressured air</p>	<p>The blasted surface must be cleaned with compressed air so that loose abrasive and shot blasted particles are removed. It is recommended to use a vacuum device for effective removal.</p>
--	------------------------------------	---


If contamination, like oil or grease is on the shot blasted surface, use RS605/607/609 Universal Reducer or AD690 Degreaser.

	<p>to apply 1x</p>	<p>Use the recommended products with spray equipment or a brush to remove residues on the surface. If the contamination is severe, repeat the cleaning step.</p>
--	------------------------	---

	<p>drying</p>	<p>Use compressed air until the surface is clean and dry.</p>
--	---------------	---

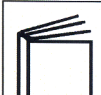
Coating


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

	<p>to coat</p>	<p>Application of direct to metal topcoats, primer, primer surfaces with basecoat and clearcoat or topcoat.</p>
--	----------------	---

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

Further Information

		<p>For more information see:</p> <ul style="list-style-type: none"> • Information at CRS (ICRIS, COINS, Valspar refinish) • Purple Box starter pack information sheets • Information on our web page (www.valsparindustrialmix.com) <ul style="list-style-type: none"> ○ Technical Information ○ Technical Data sheets
--	--	--

	<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>
--	---