

**Preparation description:** **Galvanized Steel (Electrolytic zinc coating - often on Car/ Truck parts)**

## General Information:

The steel components to be treated are immersed in a zinc electrolyte, where the component functions as a cathode in the solution (pure zinc parts are used for the anodes). Zinc is deposited as a film on the whole surface. The thickness of the electrolytic zinc coat on the steel substrate is 2-7.5µm. Normally new parts are protected by a primer.

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

## Cleaning

Products: RS605/607/609 Universal Reducer or AD690 Degreaser

|                                                                                    |                 |                                                                                                           |
|------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------|
|   | to refine<br>1x | Use the recommended products with a brush or 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. |

## Sanding - Scuffing

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

|                                                                                    |          |                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | sanding  | If necessary, the surface can be sanded after the cleaning process with an eccentric grinding machine (<5mm rotary lift unit), and a P180 – P240 sanding disk.<br><b>Note:</b> Be careful, do not destroy the protective zinc layer! |
|  | scuffing | With a nylon-perlon abrasive part to roughen the surface, e.g. a fine scuff-pad, treat the edges and corners with care.                                                                                                              |

## Cleaning

Products: RS605/607/609 Universal Reducer or AD690 Degreaser

|                                                                                    |                                  |                                                                                                                                                            |
|------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | cleaning with<br>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<br>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.

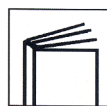


to coat

Application of direct to metal topcoats, primer, primer surfaces with basecoat and clearcoat or topcoat.

Please 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 for 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 web page: [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 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.

With the publication of this Technical Data Sheet, all previous versions regarding this product are no longer valid.