

PLASCOZINC POLYGALV PRIMER

PRODUCT CODE: SN 176

TECHNICAL DATA SHEET

Product Description	A single pack organic zinc-rich primer for metal surfaces.													
Intended Uses	<ul style="list-style-type: none"> Used for the corrosion protection of mild steel surfaces in humid and coastal environments. Also used for the repair of damage on hot dipped galvanised surfaces. 													
Features & Benefits	<ul style="list-style-type: none"> It provides galvanic protection and prevents under film corrosion. It can be used in neutral environments and even immersed in hard water (maximum temperature 60 °C). Suitable for use in the field and in the shop. May also be overcoated with air drying alkyd paints provided that a suitable barrier coat such as GALVANISED IRON PRIMER (GIP 1) is used. Has excellent brush application properties. 													
Product Information	Appearance Colour Solids Recommended DFT/coat Theoretical spreading rate Zinc content of dry film Viscosity at 23 °C S G at 23°C Flash Point VOC	Matt Metallic grey Approx. 78 % by mass; 36 % by volume Min.: 25 µm Max.: 50 µm 10 m²/L at 35 µm DFT 93 % (typical) 95 – 100 KU (typical) 2,51 kg/ℓ (typical) 27 °C 573 g/ℓ												
Application Details	Mixing Substrate Method Thinning Cleaning Application Environment Drying time	Stir thoroughly with a flat paddle until homogeneous and stir periodically during use. Thoroughly cleaned bright metal surfaces. Preferably by brush. Not normally necessary. Thin with a minimum amount of PLASCON UNIVERSAL REDUCER (PUR 1) as required. PLASCON UNIVERSAL REDUCER (PUR 1). <table border="1"> <thead> <tr> <th>Surface Temperature</th><th>Ambient Temperature</th><th>Relative Humidity</th></tr> </thead> <tbody> <tr> <td>Min: 10 °C</td><td>Min: 10 °C</td><td>Min: 10%</td></tr> <tr> <td colspan="3">or 2 °C min. above dew point</td></tr> <tr> <td>Max: 40 °C</td><td>Max: 40 °C</td><td>Max: 85%</td></tr> </tbody> </table> Touch dry 20 Mins. at 23 °C Recoating 4 h at 23 °C between coats. Allow three days before applying finishing coating systems. Dry to handle 2 h at 23 °C	Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10%	or 2 °C min. above dew point			Max: 40 °C	Max: 40 °C	Max: 85%
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or 2 °C min. above dew point														
Max: 40 °C	Max: 40 °C	Max: 85%												
Storage and Packaging	Store away from direct sun, heat and severe cold. Packaging: 500g, 2 kg and 10 kg. Shelf life: 18 months													

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Surface Preparation	<p>Surfaces must be clean and dry.</p> <p>MILD STEEL:</p> <ul style="list-style-type: none"> Remove oil, grease, dirt or any other contaminants with AQUASOLV DEGREASER (GR 1) followed by thorough fresh water rinses to remove all traces of detergent. A water break-free surface must be achieved. Remove any rust and mill-scale preferably by abrasive blasting to Grade Sa 2 ½ of ISO 8501-1:2007. Alternatively prepare mild steel by wire brushing to Grade St 3 This is not as effective and results in a shorter maintenance-free life. On surfaces where limited rust spots occur, sand back to bright metal with coarse paper. <p>GALVANISED STEEL – SPOT REPAIR:</p> <ul style="list-style-type: none"> The damaged and surrounding areas should be abraded with abrasive paper to roughen the surface and remove any visible corrosion. <p>WEATHERED POLYGALV SURFACES:</p> <ul style="list-style-type: none"> Wire brush thoroughly. Then scrub with AQUASOLV DEGREASER (GR 1). Rinse thoroughly with fresh water and allow to dry.
Application	<ul style="list-style-type: none"> Apply an even coat by brush. If necessary, apply a second coat to achieve the required DFT.
Caution	<ul style="list-style-type: none"> Not suitable for overcoating directly with air drying alkyd paints. Keep container tightly closed when not in use to prevent moisture entering.
Safety Precautions	<ul style="list-style-type: none"> Always keep paint out of reach of children. Ensure good ventilation during application and drying. If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner. Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention. Harmful if swallowed. Seek medical attention and do not induce vomiting. Do not smoke while painting. Flammable. Store in a cool dry place away from heat and sparks. Avoid contact with moisture, which may form explosive gases. Refer to Safety Data Sheet for complete information.

DISCLAIMER:

The recommendations contained herein are given in all good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

N.B. Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

N.B. TO ORDER: Quote product name, product code number, packaging and colour.

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