

HIGH BUILD EPOXY PRIMER HS

Product No. **PS1204**

Ritver High Build Epoxy Primer HS is a two-component polyamide cured epoxy primer. It is specially designed as a high solids fast drying high build primer and mid-coat in atmospheric environments. Particularly recommended as a factory applied primer where fast drying and recoating times are required.

USE

Substrates: Properly prepared carbon steel, aluminum, galvanized and stainless steel.

Area of Use: Structural Steel/ Steel Piping

SPECIFICATIONS

Properties

Finish	: Matt
Colour	: White/ Gray/ Oxide Red
Specific gravity	: 1.8 ± 0.02 Hardener : 0.94 ± 0.02
Volume Solids	: $75 \pm 2\%$ (mixed)
Mixing Ratio	: 4 : 1 by volume
Diluent	: Ritver Epoxy Thinner
Flash point	: 27°C
Drying Time (30° C)	: 1 hours to Touch : 4 hours to Recoat : 7 Days Full Cure
Recommended DFT	: 50 to 150 microns per coat
Theoretical Coverage	: 5 – 15 sq.m/liter
Service Temperature	: 95°C dry continuous : 120°C dry Intermittent

SURFACE PREPARATION

Ritver High Build Epoxy Primer HS is tolerant to mild surface preparation, however for best results ensure that all surfaces must be free of oil, grease moisture and other surface contaminant before grit blasting to near white as per SSPC SP10 or ISO 8501-1 SA 2.5.

APPLICATION METHOD

Adequate ventilation should always be observed when applying Ritver High Build Epoxy Primer HS for reasons of health and safety and to ensure proper drying of the material. Never apply this product in adverse weather conditions such as when the temperature is below 5°C or when the humidity level is above 90%. The surface temperature should always be kept at not less than 3 degree above dew point.

This information contained in the data sheet is to the best of our knowledge correct and up to date. Under well-defined conditions. Its accuracy or suitability under the actual conditions of any independent use is not guaranteed and must be determined by the user. All advice given about this product is given in good faith. Since as we have no control over conditions of substrate and application, manufacturer and seller cannot accept any liability in connection with the use of the product relative to coverage, performance, injury, or damage, unless we specify in writing to do so. The information in this data sheet is subject to change without prior notice and it is the user responsibility to ensure it is current. For further information and advice please contact RITVER Technical Service Department.

Date Revised: April 29, 2019

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The viscosity of the product should be ideal for application and can be applied by brush or airless spray.

A normal brush or a roller may be used for difficult shapes or hard to reach areas and for touch up. When applied by airless spray, ensure that the pressure be at 2100 psi for best atomization. Nozzle size should be 0.021 – 0.025 inches.

In cases where the viscosity increased as in cold weather conditions, add Ritver Epoxy Thinner to adjust the viscosity for proper application. The percentage will depend on the extent of the viscosity increase and the application used.

TYPICAL PAINT SYSTEM

<p>Ritver High Build Epoxy Primer HS</p> <p>*Or as per Ritver technical advice.</p>	<p>Ritver High Build Epoxy Primer HS Ritver High Build Epoxy Primer HS Ritver 2K Acrylic Topcoat</p>	<p>1 coat of 75 microns 1 coat of 75 microns 1 coats of 60 microns</p>
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STORAGE & SHELF LIFE

Under dry and cool condition, Storage stability can be sound up to 18 months in original sealed containers. In no way should the component A & component B be mixed and kept.

HANDLING

Disposal: As per the guidance and legislations of the local Authority e.g., by controlled landfill. In case of doubt, consult local authority. Do not empty into drains, sewers or other water courses.

Flash Point: 27°C and contains organic solvent.

Caution: It is strongly advised not to keep open half used drums as it forms a skin on the top layer.

SAFETY PRECAUTION

Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use a barrier cream. Other industrial practices are applicable. Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapour or spray. MSDS is available on request for the safe handling of this product.

FIRST AID

Eyes: In the event of accidental splashes, flush eyes with warm water immediately and obtain medical advice.

Skin: Wash skin thoroughly with soap and water or approved Industrial cleaner. DO NOT USE solvent or thinners.

Inhalation: Remove to fresh air, loosen collar and keep patient rested.

Ingestion: In case of accidental ingestion DO NOT INDUCE VOMITING. Obtain immediate medical attention.

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