



RUSTOBLOCK™ EP 1222

Epoxy based rich anti-corrosive primer for metals

INTRODUCTION:

RustoBlock™ EP 1222 is a latest innovative product based on epoxy resin technology. It is developed as a multifunctional coat, with application as anti-corrosive primer for metals containing high levels of anti-corrosive pigments. **RustoBlock™ EP 1222** Primer accommodates for maximum weather exposure that is experienced by metal sheets, roofing decks, equipment etc. Highest quality resins are combined with white inorganic pigments and fillers resulting in superior durability and corrosion protection and fire retardancy.

Unique Features:

- Superior flexibility, hardness and solvent resistance.
- Superior corrosion resistance
- Excellent adhesion and sealing properties to many other substrates.
- Easy application by spray, brush, or roller-thus lowering application costs.
- Low toxicity and odor.

USES:

Protective:

Used for industrial such as oil and gas refineries, power plants, bridges and flyovers, offshore environment with splash zone along with general repair and maintenance.

Marine:

Outside hulls, ballast tank, exterior and interior metal surface area.

ADVANTAGES:

SIMPLE PACKAGE: Material is pre-packaged in a convenient and easy to handle sizes.

EASY TO USE: Brush, roller or spray applied.

ADHESIVE: Excellent adhesion to sound steel substrates.

SAFE: Non-toxic when cured.

OVERCOATING: Easily over coated with other Multicoat products in the Multichem range to provide further protection and aesthetic quality.

DIV. 12: PROTECTIVE COATING



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TYPICAL CHARACTERISTICS:

Nature	Two Component Material
Colour	Silver
Application time at 30°C	3 to 4 hours
Surface dry time at 30°C	20 to 30 minutes
Hard dry time at 30°C	8 to 10 hours
Complete curing time at 30°C	3 days
Recoat ability time at 30°C	4 to 5 hours
Finish	Smooth
Dry film thickness	150-300 µm in smooth surface
Volume Solid, %	87.00
Coverage	5.8 to 2.9-100 ft ² /lit/coat
Packing	1kg, 4 Kg, 10 Kg, 20 Kg

APPLICATION DATA:

Preparation of Surface

The surface should be blast cleaned to SSPC-SP 10-63T or NACE No. 2 i.e. loose rust and scales, dirt, grease, oil, paint, wax, weak oxide films and other contaminants should be removed. Blast cleaning to SSPC-SP 5-63 or NACE No. 1 is recommended where heavy corrosive conditions exist or coating is required to be immersed. That means a surface with a grey metallic colour, slightly roughened to form a suitable anchor pattern for coatings. This surface is free of all oil, grease, dirt, mill scale, rust, corrosion products, oxides, paint and other foreign matter. In absence of blast cleaning, prepare the metal surface by wire brushing, sanding, grinding, scrapping or chipping with hand or power tools. Remove all the contaminants.

A small area should always be tested to ensure adhesion and compatibility.

Placing

RustoBlock™ EP 1222 can be applied using roller, brush or spray techniques. Although care must be taken to ensure that air is not entrapped onto the surface. Apply two coats in the interval of 1 hours or when first coat is touch dry.

Cleaning

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All tools should be cleaned with suitable solvent after use.

STORAGE:

Store in dry, frost-free conditions at moderate temperature not **greater** than 25 °C.

IMPORTANT POINTS:

1. Apply only to clean, sound substrates. Concrete should be saturated but surface-dry and free of water backpressure.
2. Care should be taken when curing in hot, sunny or windy conditions.

SAFETY DATA:

- Irritating to eyes, respiratory systems and skin.
- Risk of serious damage to eyes.
- Keep out of reach of children. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice.
- After contact with skin, wash immediately with plenty of clean water.
- Wear suitable protective clothing, gloves and eye/face protection.

Please consult our technical department for further information.

WARRANTY

Multichem warrants **RustoBlock EP 1222** to be free from manufacturing defects as defined in this warranty. Manufacturing defects are considered to be those defects that occur due to the quality of the ingredients or from the manufacturing process itself. This warranty does not include labor costs and other costs or expenses associated with the removal or installation of **RustoBlock EP 1222**.

Because the Multichem does not perform the actual installation, it cannot be held responsible for the results of the application. Multichem specifically disclaims problems that occur due to weather conditions, structural movement, structural design flaws and application techniques.

This warranty is in lieu of all other warranties expressed or implied including the warranty of merchantability and fitness of purpose and of all other obligations or liabilities on Multichem part. Multichem neither assumes nor authorizes any person to assume for Multichem any liability in connection with the sale and installation of **RustoBlock EP 1222**.

Because of constant improvement of manufacturing techniques and formulations, Company reserves rights to change this datasheet and its contents without prior notice.

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