

Rustex™

**Corrosion-reactive
water-based metal primer**



“maintenance made easy”



PRODUCT DESCRIPTION

Rustex is a single-pack water-based high performance primer incorporating a rust-inhibiting active constituent and a copolymer latex emulsion.

This dual-action formula is designed firstly to penetrate and stabilise corrosion on ferrous metals, and secondly to form an effective barrier against water and chloride ions, thereby arresting the corrosion process for long-term protection. Rustex requires minimal preparation, is non-toxic, non-flammable, easy to apply and dries rapidly.

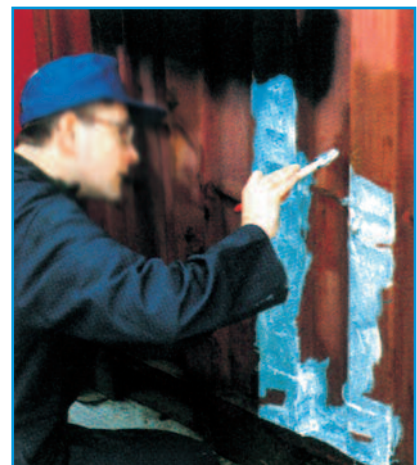


TYPICAL USES *Rustex is normally used for treatment of rusted steel prior to application of paint or other coating systems. It is ideal for situations where blast cleaning is not practical or desirable.*

SUITABLE SUBSTRATES *Rustex may be applied to dry or damp rusted ferrous metal surfaces, following the recommended preparations.*

COLOUR *Rustex is black once dry.*

PACKAGING *Rustex is supplied in 1L and 5L units.*



DIRECTIONS FOR USE *Cont.***SURFACE PREPARATION**

Remove all dirt, old paint and loose rust by wire brush, in accordance with St2 standard.

Wash with a water-based detergent solution to remove oil and dust, followed by thorough rinsing with clean water.

The surface may be damp **BUT NOT WET** when Rustex is applied.

MIXING

Stir well before use.

Any rust particles picked up on the paintbrush will be liable to contaminate the paint in the container, reducing the shelf life.

This can be avoided by pouring a sufficient amount into a separate plastic container for each operation.

DO NOT return unused material to the original container.

APPLICATION

Brush application is recommended for the first coat to ensure thorough penetration into the rust.

Other application methods are:

Roller – a short nap roller may be used. Foam rollers are not recommended.

Air assisted spray – thin with up to 10% water. Use a 0.40mm, 40-60° tip and 40-80 psi air pressure.

Airless spray – typically a 28:1 airless spray unit at 70 psi would be used, with 0.25-0.40mm, 40-60° tip and 1400-2100 psi fluid pressure at tip.

Two coats are recommended for most applications.

CURING TIME

Depending on temperature, *Rustex* is touch dry after 30 minutes, and may be recoated after 2 hours.

Allow a minimum of 16 hours before overcoating with other products, and a minimum of 24 hours for solvent-based coatings.

APPLICATION CONDITIONS

Rustex should be applied at a temperature between 10°C and 30°C.

DO NOT apply if the coating is likely to be subjected to rainfall or condensation before it has dried, or if relative humidity exceeds 60%.

COVERAGE

The coverage of *Rustex* is approximately 8m² per 1L unit or 40m² per 5L unit, depending on the texture and porosity of the surface.

CLEANING

Tools and equipment should be cleaned using warm soapy water.

Hands and skin should be cleaned immediately with organic hand cleaner.

SHELF LIFE & STORAGE

Shelf life in unopened containers is 12 months, when stored between 5°C and 30°C.

Store in a cool, dry frost-free environment away from sources of ignition.

HEALTH & SAFETY

Before using this product, please ensure you have received and read carefully both the Hazard Label applied to the container and the relevant Material Safety Data Sheets.

ANY QUESTIONS?

Please do not hesitate to contact us for advice regarding the use of this product or its suitability for your particular application. Our aim is to provide all the technical help you need to make an informed choice and achieve total success.

Polycote Technical Helpline
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All reasonable care has been taken in supplying the above information. However, any figures quoted do not constitute a specification but represent typical values obtained. It is the customer's responsibility to ensure for himself that the product is fit for the intended purpose and that conditions are suitable. Any technical advice is offered in good faith, but without warranty. This is also applicable when proprietary rights and third parties are involved. In the light of the Company's policy of continual research and development, it is the customer's responsibility to ensure that the information contained herein has not been superseded.

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