

# [ TECHNICAL BULLETIN ]

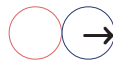
ASTEC PROTECTIVE SEALERS, PRIMERS AND UNDERCOATS  
WHERE PREPARATION IS A PROBLEM...USE RUSTRANT

*Rus-traint*



## PRODUCT TYPE

Rust encapsulant.



## DESCRIPTION / USE



1.1 *Rustraint can be used on new or corroded metal surfaces.*

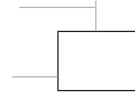


1.2 *It will prevent underfilm corrosion of fresh paint work*

**Rustraint** is a penetrating, moisture displacing, rust encapsulant manufactured from a scientifically balanced blend of penetrating oils, rust inhibitors, oxygen and moisture resistant resins. Rustraint applied directly over rust will penetrate the finest pores and cavities in rust, displacing the trapped moisture and encapsulating the rust as a pigment in the dry film. Rustraint converts rust into a micro-pore free, fully functional surface ready for painting.

**Rustraint** dries to a tough isolating film anchored direct to the pure metal surface. It keeps oxygen and moisture out sealing the rust and preventing underfilm corrosion of fresh paintwork. Where the economics of today's labour costs are extremely high, Rus-traint's micropore free finish will cost effectively conquer under film corrosion on metal substrates and will drastically increase the life expectancy of any paint system several times over.

**Rus-traint** is designed to be used on new or corroded metal surfaces and will effectively solve corrosion on old metal roofing especially on the vertical and horizontal overlaps. New galvanised iron should be treated with Astec Wash & Etch prior to the application of Rustraint. It can be applied to vehicles for rust proofing, and will control rust prior to maintenance painting on earth moving equipment as well as high cost steel structures and vessels. Rus-traint can also be used for sealing and protecting timber prior to painting.



## PREPARATION

Rustraint is designed to be applied directly over rust but where loose, flaky paint and rust are evident their removal should be carried out by scraping, wire brushing, or high pressure water cleaning. Mineral turpentine can be used to wipe the surface free of oil, grease and fats. Any heavy water saturation can be dried out with methylated spirits and compressed air. Adopting these preparation methods will ensure optimum penetration by Rustraint.

## APPLICATION

Apply Rustraint straight from the can without thinning. Apply liberal amounts of Rustraint using a brush, spray, roller or swab to completely saturate the surface leaving an even gloss finish upon full cure. Inspect the surface within half an hour of application for any matt spots. These areas should be recoated wet on wet to obtain optimum performance.

## TOPCOATING

Rus-traint is designed to be top coated as the product is not UV stable, therefore top-coating should be employed wherever direct sunlight will contact the product. Vehicles underbodies and door internals would not require top-coating. Rus-traint may be overcoated with most alkyd oil, synthetic and bituminous paints however, it is recommended that a coat of Astec B-16 Z/P anti corrosive primer be applied first. A test patch with top-coats should be carried out over this system where products containing strong solvents are to be used (eg. two pack top-coats).

## CLEAN UP

Mineral turpentine or Astec All Purpose Thinners.

## PACKAGING

- 500ml, 1ltr, 4ltr, & 10ltr cans
- 20ltr drums

## PRECAUTION FOR USE / SAFETY

Rustraint is flammable, therefore should be kept away from naked flames. Always use a respirator during spray applications.



## Rus-traint

### PRODUCT DATA



■	Gloss Level	50%
■	Drying time	2 hours touch dry 24 Hours full cure <b>allow to dry overnight before top-coating</b>
■	Thinners	Do not thin
■	Recoat time	1 hour wet on wet
■	Recommended DFT	30 Microns inc. two coats
■	Theoretical spread rate @ 30 microns	15-30m <sup>2</sup> per litre substrate dependent
■	Specific Gravity	0.89
■	Solids Content	30% w/w
■	Film porosity	98% pore free inc. two coats
■	Heat Stability	92°C continuously
■	Clean Up	Mineral Turpentine or Astec All Purpose Thinners



#### **SAFE TO USE- NON-TOXIC**

Rustraint effectively solves corrosion on old metal roofing especially on the vertical and horizontal over-laps.



#### **SAVES TIME ON PREPARATION**

For rust proofing on vehicle under bodies, door internals and hollow chassis.



#### **GIVES LONG-TERM UNDERFILM CORROSION PROTECTION**

Rust control prior to maintenance painting on equipment exposed to earth, eg. tractors, bobcats, cranes, and many more.



#### **ECONOMICAL MAINTENANCE PROJECTS**

Rust correction during maintenance of high cost steel structures and vessels.



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