

## **A755/A756**

# **Corroless S – Rust Stabilising Primer (D95)**

Corroless S is a general purpose rust stabilising primer.

### **PRODUCT BENEFITS**

- Has a thirty year track record in corrosion control
- Has excellent wetting properties
- Designed to penetrate firmly adherent rust
- Will withstand operating temperatures of up to 200°C
- Can be applied onto hot surfaces. Ideal for general maintenance

Applications include piping, cranes, mechanical equipment, bridges, railings, tank externals and other structural steel.

### **SURFACE PREPARATION**

**Recommended substrate: Steel**

#### **Manual preparation**

Prepare using rust scrapers, chipping hammers, needle guns, wire brushes etc to St2 as per the Swedish International Standard SIS055900 or equivalent. Ensure all scale is removed. Wash down with clean fresh water prior to application. Allow to dry.

#### **Mechanical preparation**

Blast clean to minimum Sa1 as per the Swedish International Standard SIS055900 (SSPC SP-7) or equivalent. High pressure water jetting may also be utilised. Wash down with clean fresh water prior to application. Allow to dry.

#### **New Steel**

All mill scale must be removed prior to application.

Maximum surface profile	75 microns (3 mils)
Grit type	Silica free sand or expendable grit (copper slag)

### **PROPERTIES**

Colour	S1 Red Brown / S3 Buff
Finish	Low gloss
Working life (hrs) at 18°C	N/A
Drying times (at 18°C)	Touch Dry: 2 hours Hard Dry: 4 hours
Overcoating	Minimum: 4 hours Maximum: 7 days
Wet film thickness microns (μ)	80
Dry film thickness (μ)	35
% Volume Solids	44%
Theoretical coverage rate	12.6m <sup>2</sup> /litre. This is the theoretical coverage rate. Practical rates can vary depending on application method, temperature, profile of substrate etc.
Flash point (mixed material)	Above 32°C
Storage Life	12 months when stored in original sealed containers between 10°C – 20°C

## APPLICATION RECOMMENDATIONS

Min. Application Temperature	2°C
Max. Relative Humidity	85%
Substrate Temperature	3°C above dew point
Thinning	Brush application : Apply unthinned, lay on, do not over brush. Apply 2 coats Roller application : Lambswool roller. Max. 5% Thinners No.2.
Airless Spray Application	Apply unthinned
Tip Size	0.011" – 0.013"
Fan Angle	30° - 50°
Nozzle Pressure	2400 psi
Cleaning Solvent	Thinners No.3
Pack Sizes	1L, 4L, 10L

## NOTES

Stir thoroughly before use.

Stripe coat all sharp edges, nuts, bolts, welds, etc.

Overcoatable with Corroless S, Corroless SHB and Corroless RF15. If overcoat times exceed 24 hours, cleaning prior to recoating using a detergent solution and/or clean fresh water rinse is recommended.

To overcoat after 7 days abrade the surface to provide a key and wash down with clean fresh water to remove contamination.

## HEALTH AND SAFETY

### Irritant

Avoid contact with skin and eyes. Avoid breathing vapour or sanding dust.

When using this product it is recommended that full overalls, gloves, face mask and goggles be worn. Store container in a safe place when not in use.

Do not burn container.

### FIRST AID

#### EYES

Flush with water for at least 15 minutes and seek medical advice.

#### SKIN

Wash contact areas with soap and water. Remove all contaminated clothing, and seek medical advice. Do not scrub.

#### INHALATION

Remove patient from further exposure, and keep patient warm and comfortable.

#### INGESTION

Do not induce vomiting. Rinse mouth with water. Seek medical advice as soon as possible.

## USE ONLY WITH ADEQUATE VENTILATION

## KEEP OUT OF REACH OF CHILDREN

## TRANSPORTATION AND DISPOSAL

Class	3
Hazchem Code	•3YE; •3Y
UN No	1263
Packing Group No	III
Fire Extinguishing Media	CO <sup>2</sup> , Foam, Dry Chemical
Fire Fighting Procedure	Fire fighters should wear self contained breathing apparatus. Fight fire from a protected location as product may explode on heating. The vapours are heavier than air, so may travel along the ground to accumulate in low areas. Fire may flash back along vapour trail, and can also react with oxidising agents. Spills should be cleaned up immediately by using sand or other non-flammable absorbent materials. Ensure material does not enter waterways. Dispose of empty containers in accordance with local by laws.

## OTHER INFORMATION

This product may be used for a wide variety of surfaces. If the surface you propose to paint is not referred to, contact Protective Paints Technical Department for classification.

For further technical information please phone 0800 724 684.

**RELIABILITY OF INFORMATION**

All statements and technical information contained herein are based on tests we believe to be reliable but the accuracy thereof is not guaranteed. Since Protective Paints Ltd has no control over product application, purchasers and users must confirm the suitability of our products under their conditions to meet their own requirements.

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