

CORROLESS CCI 450

CORROSION INHIBITOR

DESCRIPTION

A blend of resins and vapour phase corrosion inhibitor (VCI), developed for use where the requirement is for the customer to be able to see the substrate.

PRODUCT FEATURES AND RECOMMENDED USES

- Works by both contact and vapour phase inhibition.
- Suitable for application onto damp surfaces.
- Gives up to 4 years protection depending on environment.
- Easily removed or recoated.
- Touch dry clear glossy finish. Can be safely handled.
- Applications include, switch gear, electrical boxes, navigation equipment and parts storage.
- Protection of structural steel, plant and pipe storage.
- Extra protection of painted equipment and plant in transit etc.
- Available packed as an aerosol

TECHNICAL DATA

| | |
|--------------------------------------|---|
| Volume Solids (±2%) | 50%. |
| Specific gravity | 0.97 kg/litre. |
| Film thickness | Wet Film 100 microns. Dry Film 50 microns. |
| Mixing Ratio | Single pack. |
| Theoretical Coverage | 10 m ² /litre. Practical coverage rate can vary depending on application method, temperature, profile and porosity of the substrate. |
| Pot Life (at 18°C) | Not applicable. |
| Drying Time (at 18°C) | Touch dry finish in 2 hours at the recommended dry film thickness. Through dry in 24 hours. |
| Thinners and Cleaning Solvent | Corroless Thinners No 2. (Solvent Gun Wash may be used for cleaning only). |
| Finish | Clear touch dry glossy finish. |
| Colours | Clear |
| Storage | Product has a shelf life of 2 years when stored in dry, cool conditions and protected from frost. |

CORROLESS Corrosion Control, Worldwide Headquarters, Kelvin Way, WEST BROMWICH, West Midlands B70 7JZ,

Telephone:
+44 (0)121 524 2235

Fax:
+44 (0)121 553 2787

Web:
www.corroless.com

e-mail:
contact@corroless.com

CORROLESS CCI 450

CORROSION INHIBITOR

APPLICATION DETAILS

Recommended substrate Steel and most other metallic substrates.

Surface Preparation For best results degrease using a water soluble degreaser and prepare heavily corroded steel surfaces using rust scrapers, wire brushes, needle guns, etc. to St2 standard of EN ISO 8501-1:2007 or equivalent. Wash down with fresh water and allow to dry prior to application.

For clean surfaces (e.g. production components, machinery casings etc.) degrease using a water-soluble degreaser to remove dirt and oil/grease deposits and allow to dry prior to application.

Application

| Method | Airless Spray | Conventional Spray | Brush | Roller |
|-----------------------|---------------|-------------------------|-------|--------|
| Output Fluid Pressure | 1500-2000 psi | Yes – thinning required | Yes | No |
| Tip size | 11-13 thou | | | |
| Fan angle | 50° | | | |

Spray For conventional spray up to 10% Corroless Thinners No.2 should be added.

Brush Apply unthinned, lay on, do not over brush.

Mixing Stir thoroughly before use.

Application Temperature 2°C to 35°C.

Ambient Conditions Only apply in conditions of good ventilation, which should be maintained during drying. Do not apply when rain, mist, sleet or snow are imminent. During application and drying time Relative Humidity should not exceed 85% and the steel temperature should remain at least 3°C above the dew point.

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

Flash Point 32 - 55°C.

Volatile Organic Content (g/litre) 448

Health and Safety At all times observe precautionary notices on containers. Refer to Material Safety Data Sheet available from Corroless on request.