

CESSTPC-9050

9050

Corro Egy Stainless Steel Temporary Protective Coating

Technical Data Sheet

• DESCRIPTION:

CESSTPC-9050 is water-base Temporary Protective coating, that provides Clear or color layers coating which creates a protective membrane when dried.

It forms a tough Coating that easily peels away when the protection is no longer required.

CESSTPC-9050 will protect the substrate for a minimum of 6 -12 months and will protect the substrate for the require period during export Overseas shipment. and will be readily peelable when required.

CESSTPC-9050 is a fast drying, Provides multi metal protection. Excellent UV resistance.

Provides a non-tacky film.

• RECOMMENDED USE:

Stainless steel Pipes, Flanges, fittings, Vessels and Storage Tanks.

• TYPICAL APPLICATIONS:

Protection of Stainless-steel Pipes, Flanges, fittings, Vessels, and storage tanks during export Overseas shipment.

• TECHNICAL INFORMATION

Finish	: Gloss. Temporary Protective Coating.
Colour	: Clear (natural) or other colors by special order.
Dry time	: Touch dry 30-45 mins @ 25°C.
(minimum)	Dry to handle 2 hours @ 25°C.
	Full Cure 5-7 days @ 25°C.
Recoat time (minimum)	: As soon as surface is touch dry.
Theoretical Coverage	: 16 M ² /Liter @ 25 Microns DFT - 13.5 sq.m/l @ 25 µm.
Recommended DFT	: 50-75 Microns minimum DFT.
Weathering	: Excellent.
Water Resistance	: Suitable for fresh and salt water total immersion.
Temperature	: Dry surface temperature range 0-45°C.
Thinning and cleaning	: Corrocoat Egypt Thinners.
Volume Solids	: 40% ±1.
Product weight	: 0.9 Kg/L.
Flash Point	: 100 °C.
VOC	: 48 G/L according to ASTM D3960.
Temperature Application Range : 10 °C - 45°C (Air temperature and substrate temperature).	

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Factory : New Indust. Zone Bany Swaif Governorate.

www.corrocoategypt.com



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• MERITS:

1. Single component, user friendly.
2. Low VOC.
3. Permanently flexible.
4. UV stable - excellent for external use
5. Excellent abrasion resistance.

• Substrates compatible with CESSTPC-9050:

stainless-steel.

Two Pack Coatings.

* (Always test a small area first to ensure compatibility)

• APPLICATION

• SURFACE PREPARATION

All surfaces must be free of all heat tint or oxide formed during annealing or hot working.

All surfaces must be ground or polished to remove any traces of oxide and surface decarburization.

The parts should then be immersed in certain worm solution (CESCS solutions- Corro Egy Standard Cleaning Worm Solution) **OR** Abrasive blasting to Sa 2½ SSPC-SP-10, using abrasive grit aluminum oxide blasting or equivalent with surface roughness 35 microns min at least.

• APPLICATION DATA

Air Assisted Airless / Airless

- Tip .015"-.037" *dependent upon pressures and viscosity
- Pressure 124-172 par.
- Hose should be 3/8" (0.95 cm).

Mixing : Power stir thoroughly until smooth and homogeneous.

Equipment : Brush, roller, pressure pot system, airless sprayer system.

Thinning : Use distilled or Demineralized water only.

• APPLICATION METHODS:

Spraying: Apply an even, wet coat of **CESSTPC-9050**, working in one direction. Don't "overwork" the finish as this will cause stretch marks. Avoid excessive wet thicknesses.

Apply subsequent coats at right angles to the previous coat as soon as the surface is touch dry.

Typically, 1-2 coats will be needed to achieve the required dry film thickness. Care must be taken to achieve the recommended film build (50-75) microns to ensure adequate protection and peel ability.

The film can be tested for peel ability after 2 hours to ensure that the film build has been achieved.

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• **REMOVAL:** CEAKS 9085 – Corro Egy Alkaline Solution.

• **PACKING & STORAGE**

Packing : Available in 20 and 145 liter pails. For availability of other sizes, contact **Corrocoat Egypt**.

Storage : 12 months if stored in sealed containers away from heat and moisture. Subject to re-inspection thereafter.

• **HEALTH AND SAFETY**

All applicable statutory regulations must be observed in the application of this product.

Users must first read the Material Safety Data Sheet for CESSTPC-9050.

Users should familiarize themselves with all the safety aspects of the product prior to usage.

Please ensure the current Technical Data Sheet is consulted prior to specification or application of

Corrocoat Egypt products. If the surface intended to be painted differs from the specification, please consult the **Corrocoat Egypt** Technical Team on +2 02 26392604 Or +20 1016042932.

All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.

Note: The figures quoted for pot life and drying/curing times are not definitive. They are dependent on-site conditions, such as volume of material mixed, ambient and substrate temperatures, weather and ventilation.

DISCLAIMER

Since the use and application of this product is beyond our control, we cannot be held responsible for product field performance. The information presented above is the result of our considerable experience with this product but is not to be construed as a performance warranty.

For additional information, phone our team on +2 02 26392604 Or +20 1016042932, or e-mail

info@corrocoategypt.com

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