

**CETPC-9070-1**

**9070-1**

**Corro Egy Temporary Protective Coating**

**Technical Data Sheet**

**Description:**

**CETPC-9070-1 is water-base Temporary Protective coating, Spray-on Temporary Protective layer.**

**Specifications:**

A Clear and color layers coating that creates a protective membrane when dried. It forms a tough Coating that easily peels away when the protection is no longer required

• **Specifications:** **CETPC-9070-1** is a heavy duty impervious, **CETPC-9070-1** for mainly internal and external applications.

It acts as a membrane for protection against weather, staining acid and alkalis, water marking, scratching, paint and plaster

• **Use:** Compatible with Mild Steel, Carbon Steel or Aluminum

• **CETPC-9070-1** should be stirred well first and applied generously

• Apply at least 1-2 coats to the area to be protected

• Allow at least 5 minutes drying time between each coat

• **Benefits: Peelable:** Easily peeled away when item is required again

• **Durable:** Ideal for protecting metal items for long periods of time in extreme weather conditions

• **Fast drying:** Saves time and the item is sealed immediately

• **Non-seepage:** Provides the ultimate barrier for protection as no moisture will penetrate

• Prevents rust creep

• **Non-residue:** Minimal, if any, cleaning required of the metal item once the **CETPC-9070-1** has been peeled away

**Preservation Specification:** Flanges, Pipes and Other Machined Metal Surfaces – **CETPC-9070-1**

**COATING DESCRIPTION**

**CETPC-9070-1** is a peelable, permanently flexible, Special copolymer solution coating used mainly for internal and external applications as a heavy-duty membrane for protection against moisture.

**CETPC-9070-1** is the sprayable version of the Protective coating family of products.

**TECHNICAL SPECIFICATION**

**CETPC-9070-1** is specified for use on carbon, mild and stainless steels.

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[www.corrocoategypt.com](http://www.corrocoategypt.com)



## CETPC-9070-1

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**PRODUCT DESCRIPTION:** CETPC-9070-1 is a peelable, plasticized, permanently flexible special solution copolymer coating. It is a heavy-duty coating designed to provide long term protection to a variety of substrates by locking out liquids, dust, gas and vapors. When used as standalone peelable protective coating in normal atmospheric exposure CETPC-9070-1 will protect the substrate for a minimum of 12 -18 months and will protect the substrate for the require period and will be readily peelable when required.

#### **TYPICAL APPLICATIONS:**

Protection of equipment, machine and pipes during transport and storage. ("Mothballing");

Military Equipment Tooling

Mining Equipment Heavy industrial machinery

Castings Architectural componentry

#### **TECHNICAL INFORMATION**

<b>Vehicle Type</b>	: Special solution copolymer.
<b>Finish</b>	: Gloss. Temporary Protective Coating.
<b>Colour</b>	: Clear (natural) or other colors by special order
<b>Dry time (minimum)</b>	: Touch dry 2-5 mins @ 25°C Dry to handle 10mins @ 25°C Full Cure 24hrs @ 25°C
<b>Recoat time (minimum)</b>	: As soon as surface is touch dry.
<b>Theoretical Coverage</b>	: 8-10 m <sup>2</sup> /Liter @ 50 Microns DFT
<b>Recommended DFT</b>	: 50-75 Microns minimum DFT
<b>Usual no. of coats</b>	: 1 - 2
<b>Flexibility</b>	: Excellent throughout film service temperature range.
<b>Elasticity</b>	: Excellent, +250% elongation
<b>Weathering</b>	: Excellent
<b>Abrasion Resistance</b>	: Excellent
<b>Water Resistance</b>	: Suitable for fresh and salt water total immersion.
<b>Chemical Resistance</b>	: Resistant to a wide range of organic and inorganic chemicals
<b>Solvent Resistance</b>	: Good environmental resistance. Avoid areas of splash spillage etc.
<b>Temperature</b>	: Dry service temperature range 0-80°C
<b>Thinning and cleaning</b>	: Corrocoat Egypt Thinners
<b>Volume Solids</b>	: 50% ±1
<b>Product weight</b>	: 0.922 Kg/L
<b>Temperature Application Range</b>	: 10°C - 45°C (Air temperature and substrate temperature)

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#### **MERITS:**

1. Single component, user friendly
2. Permanently flexible
3. UV stable - excellent for external use
4. Very elastic +250%
5. Excellent abrasion resistance.
6. Will bridge gaps

#### **Substrates compatible with CETPC-9070-1:**

Mild and stainless-steel Marble

Two Pack Coatings\* Sawn Stone

Aluminum Tungsten Carbide Tooling

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

#### **SURFACE PREPARATION**

Abrasive blasting to Sa 2½ SSPC-SP-10, with surface roughness 35:50 Microns Min.

#### **APPLICATION DATA**

**Mixing** : Power stir thoroughly until smooth and homogeneous.

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

**Thinning** : Use distilled or Demineralized.

#### **APPLICATION METHODS:**

**Spraying** : Apply an even, wet coat of **CETPC-9070-1**, 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.

#### **REMOVAL:**

Use **CESDR 9080** - Corro Egy Standard Removal Solution.

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**CORROCOAT**  
**EGYPT**  
home of engineering coating

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#### PACKING & STORAGE

**Packing** : Available in 20,125 and 200 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 CETPC-9070-1. 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](mailto:info@corrocoategypt.com)

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