



## COPON VARNISH

### PRODUCT DESCRIPTION

A two-pack epoxy coating specifically designed as multi-purpose, water and abrasion resistant, coating. The coating is ideal for the protection of exterior surfaces wood, concrete ...etc or any surface that need to be protected with colorless coating except for metals.

### GENERAL PROPERTIES

<b>Surface Finish</b>	Available in Glossy, Semi Glossy, and matt finish
<b>Chemical Resistance</b>	Recommended for use against a wide range of chemical spillages and splashes i.e. resistant to oils, fats, solvents, acids and alkalis, diesel, petroleum etc.
<b>Temperature</b>	Dry service temperature range up to 60°C
<b>Color</b>	Clear

### SURFACE PREPARATION

<b>Steel Surfaces</b>	PROTALL 517 RUST CONVERTER RUSTON® <b>OR</b> Abrasive blast cleaning to min. Swedish Standard Sa 2.5 or other equivalent international standard.
<b>Concrete Surfaces</b>	All concrete surfaces should be clean, dry and free from loose dirt, laitance and primed with an approved PROTALL primer/sealer.

### MIXING RATIO

<b>Number of Components</b>	Supplied in two premeasured parts: Base and Activator
<b>Mixing ratio (By Volume)</b>	4 parts Base : 1 part Activator
<b>Pot (Usable) Life</b>	Approximately 7 hrs at 20°C
<b>Method of Mixing</b>	Stir the contents of the base component, continue stirring and gradually add the total contents of the activator component, continue stirring until a homogenous mix is obtained. Allow to stand for 15 minutes before use.

For more Information please contact Technical Support

Headquarters: 27 Talaat Harb St. Alexandria  
Tel.: +203 4868935/36 Fax.: +203 4868925

Factories & Technical Support: Km 25-26 Alex-Cairo road  
Tel.: +203 4701110/20 Fax.: +203 4701141



## APPLICATION

<b>Conditions for application</b>	a) Do not apply when the Relative Humidity exceeds 90% or when the surface to be coated is less than 3°C above the dew point. b) Minimum temperature for application is 7°C.
<b>Method</b>	PROTALL EA4 can be applied by brush, roller, conventional or airless spray.
<b>Application Settings:</b> <b>Airless Spray</b>	Thin 0-10% with PROTALL SA108 Thinner Tip Size 13-15 Thou orifice Tip pressure approx. 2,000 psi (145 Bar)
<b>Conventional Air Spraying</b>	Thin 0-10% with PROTALL SA108 Thinner Tip Size 2.0 mm Tip pressure approx. 60 psi
<b>Brush &amp; Roller</b>	Thin 5-10% with PROTALL SA108 Thinner Good quality brushes and rollers should be used.
<b>Theoretical Coverage Rate</b>	6 sq. meters per liter at 50 microns (2 mils)
<b>Film Thickness (Typical)</b>	Wet 100 microns (4 mils) Dry 50 microns (2 mils)

## BASIC DATA (AT 20°C)

<b>Drying &amp; Cure Time</b>	Touch Dry 4 hrs Hard Dry 16 hrs Over coating min 16 hrs max 7 days Full Cure 7 days
<b>Flash Points</b>	7°C for Base 13°C for Activator
<b>Lead Content</b>	0.0 % by weight
<b>Average Solid Content</b>	43% by volume
<b>Specific Gravity</b>	1.1 (Average Mixed)
<b>Shelf Life (Cool, dry place)</b>	12 months
<b>Packaging</b>	5 kg – 20 kg units in metal cans

## HEALTH & SAFETY

1. In the wet state COPON VARNISH is highly inflammable
2. Adequate ventilation must be provided during use
3. Undue contact with the skin should be avoided
4. Minimum Ventilation air quantity required for 1 liter of mixed paint  
To reach 10% of LEL 62 m<sup>3</sup>  
To reach TLV 912 m<sup>3</sup>

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part. As application conditions are out of our control we can not guarantee but the quality of the product itself. PROTALL reserves the right to make any changes without prior notice.

### For more Information please contact Technical Support

Headquarters: 27 Talaat Harb St. Alexandria  
Tel.: +203 4868935/36 Fax.: +203 4868925

Factories & Technical Support: Km 25-26 Alex-Cairo road  
Tel.: +203 4701110/20 Fax.: +203 4701141