



**PRODUCT DESCRIPTION**

**POLYMER BASED CEMENTITIOUS MORTAR**

COPON CWC is specially developed for use on concrete to resist hydrostatic pressure.  
 COPON CWC is specifically developed for application by brush, trowel or spatter spray gun.

**Standard Colour Availability**      Manufactured only in Concrete Grey.

**GENERAL PROPERTIES**

<b>Abrasion</b>	Excellent to correctly prepared surfaces.
<b>Shrinkage</b>	Minimal shrinkage during cure.
<b>Colour</b>	Concrete Grey.
<b>Water Resistance</b>	Resists a hydrostatic pressure of 7 bar.

**SURFACE PREPARATION**

**Method**      Dirt and grime should be removed by high pressure water jetting, any loose material and friable material should be removed from the surface. Surfaces should then be wetted by brushing water over the surface to be treated.

**MIXING**

<b>Number of Components</b>	Single component material requiring addition of water prior to use.
<b>Mixing</b>	<p><b>Trowel Application:</b> 2 litres of water should be loaded into a suitable mixer then all the contents of one bag of COPON CWC (10 kg) should be added and mixed to a smooth lump free consistency.</p> <p><b>Brush Application:</b> 2<sup>1</sup>/<sub>2</sub> litres of water should be loaded into a suitable mixer then all the contents of one bag of COPON CWC should be added and mixed to a smooth lump free consistency.</p> <p><b>Spray Application:</b> 3 litres of clean water should be loaded into a suitable mixer then all the contents of one bag of COPON CWC should be added and mixed to a smooth lump free consistency.</p>
<b>Pot (Usable) Life</b>	Approximately 20 minutes at 20°C.
<b>Shelf Life</b>	Indefinite in original sealed containers stored in dry conditions.
<b>Method of Mixing</b>	Load the appropriate quantity of water into a suitable container then slowly add the powder and mix to provide a smooth lump free consistency.

**APPLICATION**

<b>METHOD</b>	<p><b>Trowel Application:</b> The mixed COPON CWC should be spread over the surface to a minimum thickness of 2<sup>1</sup>/<sub>2</sub> mm. The surface should be finished by float to provide a smooth surface for subsequent coating.</p> <p><b>Brush Application:</b> The mixed COPON CWC should be brushed over the surface at a nominal thickness of 1<sup>1</sup>/<sub>2</sub> mm. This should then be allowed to harden but whilst still damp, approximately 1 hour, a second coat should be applied to achieve a total thickness of 2<sup>1</sup>/<sub>2</sub> - 3 mm.</p> <p><b>Spray Application:</b> The mixed COPON CWC should be loaded into a specially designed gravity feed hopper spray gun using a 10 mm spray tip with a 50 - 60 psi input pressure. The COPON CWC is sprayed over the prepared surface to give a nominal 2<sup>1</sup>/<sub>2</sub> mm thickness. The sprayed surface should then be finished off with a brush to prepare the surface for subsequent painting.</p>
<b>Coverage Rate</b>	Approximately 0.2 m <sup>2</sup> /Kilo at 2 <sup>1</sup> / <sub>2</sub> mm.

## PHYSICAL CONSTANTS

<b>Drying &amp; Cure Times at 20°C</b>	Touch Dry	- 20 minutes
	Hard Dry	- 2 hours
	Minimum Overcoating Time (with coatings)	- 3 days
	Film Thickness	Maximum 2½ mm
<b>Total Solids Content</b>	100%	
<b>V.O.C.</b>	Nil	

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## HEALTH & SAFETY

1. Adequate ventilation must be provided during use
2. Undue contact with the skin should be avoided.

**NOTE:** Full Health & Safety Data is available from E Wood Ltd.

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## PACKAGING

Supplied in 10 kg units.



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