

#### **ESTABLISHED IN 1959**

CONSTRUCTION CHEMICALS



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### Neopox® CR

# Solvent-free epoxy system, for applications that demand chemical resistance



**Applications** Suitable for painting of tanks (internally) and surfaces in contact with

chemicals, acids, bases, petrochemicals (not suitable for permanent contact with unleaded gasoline). It can be applied at shafts, sewage tanks

in water treating facilities.

**Technical Characteristics** 

**Density** Component A: 1,25-1,30gr/cm<sup>3</sup>

Component B: 0,94gr/cm<sup>3</sup>

Mixing ratio (by weight) 75A:25B

**Consumption** 330-400gr/m<sup>2</sup> per coat

Touch dry (+25°C) 7 hours

Pot life 40 minutes at +25°C

60 minutes at +15 °C

(Low temperatures and humidity during application prolong the setting time, while high temperatures bring it

down)

Recoating (+25°C) 24 hours

Application temperature From +12°C to +35°C

Ambient humidity 60-70%

Total hardening ~ 7 days

Adhesive strength > 2,5N/mm<sup>2</sup>

**Instructions for use** Surface Preparation: The surface must be dry (humidity limit=5%). Loose

particles, older coatings and dust have to be removed by brushing, rubbing and cleaning of the surface. In concrete surfaces when the moisture of the substrate is up to 8%, if there is not rising moisture and the substrate temperature is > +12°C the surface should be primed with

water-based primer Acqua® Primer.

Application: Apply 1 coating of **Neopox**® **CR** with brush, roller or airless gun. If the 2nd layer will be applied after 24 hours, lightly scrub the surface

to roughen it

The information supplied in this datasheet, concerning the uses and the applications of the product, is based on the experience and knowledge of NEOTEX® SA .It is offered as a service to designers and contractors in order to help them find potential solutions. However, as a supplier, NEOTEX® SA does not control the actual use of the product and therefore cannot be held responsible for the results of its use. As a result of continual technical evolution, it is up to our clients to check with our technical department that this present data sheet has not been modified by a more recent edition.



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## Neopox® CR

Notes	Neopox® CR cannot be applied below +12°C	
Packing	Sets of 10kg	
Colour	Black	
Cleaning of tools	Immediately after application with solvent <b>Neotex</b> ® <b>1021</b> .	
Stain removal	While still wet, with solvent <b>Neotex</b> ® <b>1021</b> . If it has hardened, by mechanical means, in cases where it is possible, due to its great adhesion properties.	
Storage stability	3 years in sealed containers, provided that the 2 components are not mixed together.	

Chemical Resistance of Neopox <sup>®</sup> CR		
	Permanently (+20°C)	Occasionally, Sporadically (+20°C)
Distilled water	+	+
Sodium Hypochloride 5%	+	+
Ethanol 15%	+	+
Ethanol 95%	-	-
Formaldehyde 10%	+	+
Xylene	-	+
Gasoline-unleaded	-	+
Diesel	+-	+
Gasoline-super	+	+
MIBK	+	+
Butyl Acetate	-	-
Lactic Acid 10%	+	+
Ammonia 10%	+	+
NaOH 10%	+	+
Hydrochloric Acid 10%	+	+
Hydrochloric Acid 37%	-	+
Sulphuric Acid 10%	+	+
Sulphuric Acid 50%	+	+
Nitric Acid 10%	+	+
Acetic Acid 10%	-	+
Phosphoric Acid 10%	-	+
+ excellent resistance - poor resistance		



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