

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/cm³

Component B: 0,94gr/cm³

Mixing ratio (by weight)

75A:25B

Consumption

330-400gr/m² 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/mm²

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

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 Neotex[®] 1021 .
Stain removal	While still wet, with solvent Neotex[®] 1021 . 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[®] 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		