NEOTEX S.A.
CONSTRUCTION CHEMICALS SINCE 1959
www.neotex.gr • e-mail: export@neotex.gr
ATHENS: V. Moira str., P.O. Box 2315, GR 19600 Industrial Area Mandra, Athens, Greece, Tel.: +30 210 5557579, Fax: +30 210 5558482
THESSALONIKI: Ionias Str., GR 57009 Kalochori, Thessaloniki, Greece, Tel.: +30 2310 467275, Fax: +30 2310 463442

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^3 Component B: 0,94gr/cm^3
Mixing ratio (by weight)	75A:25B
Consumption	330-400gr/m^2 per coat on a horizontal surface 280-330gm/m^2 per coat on a vertical surface
Touch dry (+25°C)	7 hours
Pot life	40 minutes at +25ºC 60 minutes at +15 ºC

(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^2
Quality/Preparation of Substrate	The concrete substrate must be sound and of sufficient compressive strength (minimum 25 N/mm^2) with a minimum pull off strength of 1.5 N/mm^2.The substrate must be clean, dry (surface humidity content <4%) and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc. Concrete substrates must be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove cement laitance and achieve an open textured surface. Local putting can be achieved with **Epoxol® Putty** in proportion from 1A:1B to 2A:1B or **Epoxol® Primer SF** mixed with quartz sand.
Instructions for use	The surface must be dry (humidity limit=5%). In concrete surfaces when the moisture of the substrate is up to 8%, if there is not rising moisture and

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the substrate temperature is > +12°C the surface should be primed with water-based primer Acqua® **Primer**. (All epoxy primers can be used e.g. **Epoxol® Primer**, **Neopox® Primer 1225**, **Neopox® Primer WS**, **Neopox® Primer AY** depending on the needs and the substrate).

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

Notes	• **Neopox® CR** cannot be applied below +12ºC
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			
	1 Hour (+20^{0}C)	5 Hours (+20^{0}C)	24 Hours (+20^{0}C)
Phosphoric Acid (10%)	C	C	C
Phosphoric Acid (20%)	C	C	C
sulphuric acid (10%)	C	C	C
sulphuric acid (20%)	C	C	C
Hydrochloric Acid (10%)	B	B	C
Hydrochloric Acid (20%)	C	C	C
Lactic Acid (10%)	B	C	C
Lactic Acid (20%)	B	C	C
Nitric Acid (10%)	A	B	C
Nitric Acid (20%)	B	D	C

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Sodium hydroxide - caustic soda (10%)	A	A	A
Formaldehyde (10%)	A	B	B
Ammonia (10%)	A	A	B
Chlorine (5%)	A	A	A
Diesel (10%)	A	A	A
Gasoline	A	A	A
Xylene	A	A	A
M.E.K	A	A	B
alcohol 95^0	A	A	A
saltwater 15%	A	A	A
Engine oil	A	A	A
Red wine	A	A	A

(A) EXCELLENT RESISTANCE

(B) GOOD RESISTANCE (LIGHT DISCOLORATION)

(C) POOR RESISTANCE (INTENSE DISCOLORATION)

(D) NO RESISTANCE

Chemical Resistance	
	Permanently ($+20^0$C)
Phosphoric Acid (15%)	C
sulphuric acid (15%)	D
Hydrochloric Acid (15%)	C
Lactic Acid (15%)	C

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Nitric Acid (15%)	C
Sodium hydroxide - caustic soda (15%)	A
Formaldehyde (15%)	A
Ammonia (15%)	A
Chlorine (5%)	B
Xylene	B
saltwater 15%	A
Red wine	A

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