



ATHENS: V. MOIRA, INDUSTRIAL AREA MANDRA, 19600, ATHENS, GREECE, TEL.: +30 210 5557579, FAX: +30 210 5558482 THESSALONIKI: 10th km N.R THESSALONIKIS-POLIGIROU, 57001, THERMI THESSALONIKI, GREECE, TEL.: +30 2310 467275, FAX: 2310 463442

Neopox[®] W

Two-component brushable water-based epoxy paint

Fields of Application Neopox® W is suitable for use on floors and walls of factories, shop laboratories, stairs, slaughter-houses, garages. It is also suitable in general use in indoor areas, where solvent fumes are undesirable (e.g. wine and for stores and factories). It could be applied on metallic surfaces and also on dan concrete surfaces. Properties/ Neopox® W is a new technology environmentally friendly water-based easy apply quick-drying paint. It is resistant to water, alkalis, detergents, dilut acids and many solvents. It offers also good abrasion, yellowing & streng resistance and very good athesion on cement surfaces. It doesn't contain a solvents (0% V.O.C. content) nor benzyl alcohol. Compliant with the regulation 2004/42/EC for limitation of V.O.C. in paints ar varnishes. Satin Technical Characteristics Satin Appearance Satin Onsign ratios (weight prop.) 100A:20B Consumption 300-400gr/m² for 2 layers Substrate Temperature +12°C to +35°C Ambient Temperature -4% Relative atmospheric humidity -7 days Resistance to temperature change -30°C to +70°C (Wet loading to +60°C) Abrasion Resistance (ASTM D 4060) 91 mg (TABER TEST CS 10/1000/1000)			
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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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$Neopox^{\mathbb{R}}W$

Pot Life

Temperature	Time
+12°C	1 hour
+25°C	45 minutes
+30°C	30 minutes

Overcoating

Temperature	Time
+12°C	18-24 hours
+25°C	18-24 hours
+30°C	18-24 hours

Walkability

Temperature	Time
+12°C	24 hours
+25°C	24 hours
+30°C	24 hours

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8	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.
X		Moreover, imperfections of new surfaces should be smoothened with pulveriser for lower material consumption and achieving better adhesion properties.
	Application of Primer	Construction Surfaces:
		if 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 .
		Metallic Surfaces:
		The surfaces should be free of rust or any corrosion that may prevent bonding and it should be prepared by brushing, grinding or sand blasting. Afterwards apply one coat of Neopox® Special Primer 1225 diluted 8-10% with solvent Neotex 1021 to protect against rust. Before applying the primer, mix both components (A&B) thoroughly and apply within 3 hours by brush, roller or airless spray. Then apply two coats of Neopox® Special diluted 4-8 % with solvent Neotex 1021 .
	Instructions for use	After the drying of the primer, Neopox [®] W is applied with roller or brush. Mix both components A&B thoroughly to the correct predetermined mixing proportion by weight. Neopox [®] W must be thoroughly mixed using a low speed electric stirrer and It is important to stir the mixture thoroughly near the sides and bottom of the container. Mix continuously for 3-5 minutes until a uniform epoxy mortar is formed. The first layer is diluted 10-15% with water, the second layer 5-10% with water and if a third layer is required dilute 5-10% with water.
I M	Notes •	Low temperatures and high humidity during application prolong drying time, etc.
	•	Due to its microporous structure Neopox [®] W shows high water vapour permeability and it could be applied on damp surfaces (damp concrete etc).
	•	Direct and continuous exposure to UV radiation can cause over time the chalking phenomenon.
	•	After stirring the entire mixture, apply immediately the material to avoid, in high temperatures, the polymerization of the product into the container.
	•	The substrate temperature must be at least 3°C above dew point to reduce the risk of condensation or blooming on the floor finish.
	•	Surfaces that have already been painted with epoxy paints should be scrubbed lightly before overcoating with the product to ensure good adhesion between the two paint layers.

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 Overcoating a freshly painted surface must take place within 2 days otherwise it is suggested to scrub lightly the freshly painted layer to avoid possible adhesion problems.

Cleaning of Tools	Use plenty of water immediately after application.
Stain Removal	Use water when the stain is still fresh and damp. In case of hardened
	stains, use mechanical means.
Colors	White (RAL 9003), grey (RAL 7047). Tailor-made shades can be produced
	for a minimum quantity, upon special arrangement.
Packing	Sets of 1,2kg, 6kg and 12kg in fixed weight proportion.
Storage Stability	3 years (5-45°C) in sealed containers.
Safety Precautions	See Safety Data Sheets.
Auxiliary Materials	Acqua [®] Primer: Set 7kg
	Neopox [®] Special Primer 1225: Set 1kg, 5kg



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