

Neotex® Anti F

Self-polishing anti-fouling coating for wooden, polyester and metallic boats

Description

High performance, one-component, self-polishing, anti-fouling coating for all types of boats (wooden, polyester, metallic)

It is applied to the hull of the boat, under the water level, and due to its high content of copper oxides, it prevents the growth of subaquatic organisms, such as stridies and algae, that are detached from the boat during travel. In that way, the hull remains clean and smooth, preventing the increase of friction on the boat and securing high sailing speeds and engine performance, reducing the fuel cost.



Packing

750ml

Colours

WHITE

BLACK

BLUE

TERRACOTTA

Fields of application

Boats made of wood, polyester (GRP) and metal (excl. aluminium)

Properties - Advantages

- High anti-fouling performance, providing protection against the aquatic micro-organisms
- Excellent resistance to permanent submersion into the sea
- Does not contain biocide TBT and complies to IMO regulations for anti-fouling coatings
- Suitable for all boat sizes
- Offers protection from 1 to 3 years depending on the coating thickness and local parameters such as water temperature and salt content

Technical characteristics

Density	~1,55kg/L (depending on the colour shade)
Solid content by volume	~53% (depending on the colour shade)
Wet/dry film thickness (WFT/DFT)	170µm / 100µm
VOC content	<480g/l
Consumption: 200ml/m² (for dry film thickness of 100µm)	

Curing details

Touch dry	+5°C	4 hours
	+10°C	3 hours
	+20°C	1 hour
	+30°C	30 minutes
Minimum recoating time	+5°C	13 hours
	+10°C	10 hours
	+20°C	5 hours
	+30°C	4 hours
Optimum time before launching the boat into the sea (+25°C, RH 65%)		8-24 hours
Maximum time for the boat to remain on exterior conditions before launching-flooding (+25°C, RH 65%)		7 days
* The above-mentioned times are indicative. Longer drying and recoating times may be necessary, depending on the coating thickness, especially under adverse and cold-rainy atmospheric conditions.		

Instructions for use

Substrate preparation

The surface must be dry and clean, without dust, sea salt or other remains such as dirt, grease, oil, etc. For polyester surfaces, prior to the application of **Neotex® Anti F**, sanding of the surface is required.

Priming

Prior to the application of **Neotex® Anti F**, the application of an epoxy coating is recommended, such as **Neopox® Special**, **Epoxol® Primer**, **Neopox® Special Primer 1225** in at least 2-3 layers.

Application

Prior to the application of **Neotex® Anti F** and because of its high specific weight it is essential that it is thoroughly stirred mechanically with a low-speed stirrer for 10-20 minutes in order for the mixture to become homogeneous. The product may be applied by brush or roller, in the bow-stern direction and not in a vertical direction. In case of application by airless spray (recommended nozzle diameter 0,017" - 0,021"), the product is diluted up to 3% with solvent **Neotex® 1021**.

Special notes

- The substrate temperature must be at least 3°C above dew point to reduce the risk of condensation or blooming on the floor finish
- Due to its high content in copper oxide, there is a possibility of colour deviation between different batches

- Discolouration of **Neotex® Anti F** after the application may occur due to the contact of copper oxide with air or other elements from the atmosphere. Nevertheless, this is only a surface phenomenon and does not affect the performance or the suitability of the material
- Restricted to professional users

Colours	White, black, blue, terracotta
Packing	750ml in metal cans
Cleaning of tools – Stains removal	By Neotex® 1021 immediately after the application. In case of hardened stains, by mechanical means only.
Volatile organic compounds (V.O.C.)	V.O.C. limit acc. to the E.U. Directive 2004/42/CE for this product of category AiSB: 500g/l (Limit 1.1.2010) - V.O.C. content of the ready-to-use product <500g/l
UFI code	<i>White:</i> WDA0-G0SE-Y001-VD8W <i>Black:</i> N4A0-Y0Q8-100J-VCHQ <i>Blue:</i> T7A0-G0DN-C001-JQ3S <i>Terracotta:</i> 3AA0-0031-N00J-71PU
Storage stability	1 year, if kept in the original sealed packaging, protected from frost, humidity and exposure to solar radiation.

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 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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