

PAINT TYPE

High build, self-polishing, tin-free vinyl antifouling paint, containing ecologically safe inorganic and organic biocides. Characteristics of coating:

- reduces the hydrodynamic drag of a vessel due to the reduction of friction
- flexible and well adhering to the base
- resistant to marine atmosphere

direct contact with a steel surface causes pitting corrosion

USAGE

As antifouling finishing coat for:

- underwater parts of sailboats, vessels, yachts exploited in all climatic zones
- underwater parts of hydrotechnical, coastal constructions

TECHNICAL DATA

Density (about), g/cm ³	1,8
Flash point, °C	23
Typical dry film thickness*, µm	70
Typical wet film thickness, µm	130
Theoretical coverage at 50 µm, dm ³ /m ²	0,13
Volume solids (about), % vol.	52
Recommended number of coats	2 - 4
VOC, g/dm ³	410

Given data may vary slightly for different colours as well as due to normal manufacturing tolerances.

COLOUR

Red oxide 250, Blue 550, Navy blue 580, Papyrus white 018

SURFACE PREPARATION

It is recommended to wash surface with water with addition of OLIVA CLEANER and then rinse with fresh water.

- Coat of vinyl or epoxy anticorrosive paint, dry and free of any contamination.
- Glass-polyester laminates, roughened with abrasive paper No. 200, dry and free of any contamination
- Old coat of antifouling paint, dry and free of any contamination; corroded areas cleaned and covered with anticorrosive paint to the required film thickness; old coat of antifouling paint in poor condition additionally sealed with suitable anticorrosive paint.

Before painting with ANTIFOULING VSE it is recommended to prime the surface with OPTIMAL paint.

APPLICATION

Airless spray, brush (beside papyrus white 018 colour), roller (for small areas only). In order to reach recommended film thickness in one coat airless spray must be used.

Airless spray parameter:

Nozzle size	0,48 - 0,53 mm
Nozzle pressure	15 - 20 MPa

THINNER

Not recommended.

When necessary (for example – thickening product) use TEKNOSOLV 1639, TEKNOSOLV 779 (see Technical Information).

For cleaning tools: TEKNOSOLV 1639, TEKNOSOLV 779.

APPLICATION CONDITIONS**Application conditions:**

- minimum surface temperature: -5°C (surface frost- and ice-free) and at least 3 °C higher than dew point,
- good ventilation.

Drying time (in 23°C):

- dust dry - 1 h,
- touch dry - 3,5 h,

Overcoating intervals:

temperature	23°C
minimum	12 h
maximum	unlimited

Time before immersion:

temperature	23°C
minimum	12 h
maximum	unlimited

Given times relate to the recommended coating thickness, drying in good ventilation conditions. These times may change with a change of temperature, ventilation, number of layers and the thickness of the coating

ADDITIONAL INFORMATION

Typical dry film thickness range using airless spray is from 60 to 100 microns. Changing the thickness of the coating changes the theoretical consumption, wet film thickness, weight of dry coating, drying time, time of recoating and finishing work.

Regard for contain of copper compounds in the paint, colour of paint during storage may changes. Slightly difference in colour is not the fault of product.

Authorisation no 6482/15.

SHELF LIFE

The storage stability is shown on the label. Store in cool place and tightly closed can.

CAUTION!

Contains biocides. Antifoulings should only be wet sanded. Never dry sand or burn-off old antifoulings.

During application and drying of the coating flammable and health threatening substances are emitted. It is important to avoid inhaling the fumes of the product and contact with the eyes and skin. Use only in well ventilated rooms.

Product use and any maintenance and repair work with coating must take place in a closed area, at the impermeable, hard surface to prevent the entry of substances and minimize emissions into the environment and also to enable collection any residue or waste containing the product and its safe disposal. Detailed information on dangerous substances contained in the products and threats connected with them are included in the specification cards of the dangerous substances, which we make available at the Customers' request.

The information of this data sheet is normative and based on laboratory tests and practical experience. Teknos guarantees that the product quality conforms to our quality system. Teknos accepts, however, no liability for the actual application work, as this is to a great extent dependent on the conditions during handling and application. Teknos accepts no liability for any damage resulting from misapplication of the product. This product is intended for professional use only. This implies that the user possesses sufficient knowledge for using the product correctly with regard to technical and working safety aspects. The latest version of Teknos data sheets, material safety data sheets and system sheets are on our home pages www.teknos.com.