CHLOORRUBBER ANTIFOULING 2000

Description: Copper- and tin-free antifouling based on chlorinated rubber which contains dichlofluanide as an active ingredient.

Use: On steel, aluminium, polyester and wooden yachts in conjunction with a suitable underwater paint system. Eminently suitable for brackish and freshwater. For occasional, short periods of up to 2 months this product may be exposed to salt water. For a sailing period of 12 months a total dry film thickness of at least 80 micrometers is recommended.

PHYSICAL DATA

Appearance: Matt finish.

Colours: Red, off-white, blue, navy-blue, red-brown, black and aqua-green

Solids content:
- Red: appr. 43 %
- Off-white: 50 %
- Blue: 46 %
- Navy-blue: 46 %
- Red-brown: 48 %
- Black: 47 %
- Aqua-green 52 %

Theoretical coverage: At a dry film thickness of 40 µm: 11-13 m²/litre.

Practical coverage: Depends on several factors, including shape, surface roughness, method of application being used and conditions of application. A guide for spray application is: ± 60 % of the theoretical coverage. If applied by brush and roller: ± 80 % of the theoretical coverage.

Density: Varies from 1.4 to 1.8 kg/dm³, according to colour.

Drying times:
- at 20°C:
  - Dry film thickness: 40 µm 40 µm
  - Dust dry: 2 h 2.5 h
- at 5°C:
  - Dry film thickness: 40 µm 40 µm
  - Dust dry: 2 h 2.5 h

Recoating time:
- Minimum: 8 h 16 h
- Maximum: unlimited unlimited
When being recoated, the substrate must be clean, dry, grease- and dust-free.

Launching: After 16 h (at 20°C). The coating can be left out of the water for some weeks, provided that it is clean when the vessel is launched.

Packaging: Cans of 0.75 litre and 2.5 litres (all colours)

Minimum shelf life: At least 12 months, provided the material is stored in a dry place at a temperature ranging between 5°C and 40°C in the unopened original packing.
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APPLICATION DATA

Thinning and application: The paint is supplied ready for use. If it is too thick, e.g. at lower temperatures a small amount of thinner may be added to achieve the proper viscosity. The amount of thinner to be added depends on the conditions of application and the methods of application being used.

<table>
<thead>
<tr>
<th></th>
<th>Airless Spray:</th>
<th>Conventional Spray:</th>
<th>Brush/Roller:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thinner:</td>
<td>CR Thinner</td>
<td>CR Thinner</td>
<td>CR Thinner</td>
</tr>
<tr>
<td>Vol.-% (at 20°C):</td>
<td>0-5</td>
<td>5-10</td>
<td>0-2</td>
</tr>
<tr>
<td>Fluid tip:</td>
<td>0.018&quot;</td>
<td>1.5 mm</td>
<td>--</td>
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<tr>
<td>Gun pressure (bar):</td>
<td>120-140</td>
<td>3</td>
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<tr>
<td>Advised dry film thickness (μm):</td>
<td>60-75</td>
<td>50</td>
<td>30-40</td>
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<tr>
<td>Maximum dry film thickness (μm):</td>
<td>75</td>
<td>60</td>
<td>40</td>
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</tbody>
</table>

Equipment can be cleaned in the above thinner or in S.Y. Oplosser.

Directions for application: Prior to application, stir the paint thoroughly in a mixer driven either by air or an explosion-proof electric motor to achieve a homogeneous product. If the paint is applied by roller, preferably do not thin down, apply the paint liberally and spread it. Do not brush out.

Conditions of application: Air temperature: 5-40°C
Surface temperature: 5-40°C
Paint temperature: 5-40°C

To achieve sufficient curing, the maximum relative air humidity should not exceed 85%. The surface temperature must be at least 3°C above the dewpoint to prevent condensation. It is recommended not to apply the paint under adverse weather conditions. During application and drying in an confined and/or small workshop, continuous ventilation is required to extract solvent fumes for health and safety reasons as well as to promote drying.
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SUITABLE SUBSTRATES

General: Chloorrubber Antifouling 2000 may be applied over the following substrates:
Epoxy Heavycoat or Bottomcoat CR or an aged coating of Vinyl Antifouling 2000 or Chloorrubber Antifouling 2000 which has been cleaned and is in good condition. Steel and aluminium vessels must previously have been treated with a corrosion-prevention paint system which is in good condition and which should have a minimum dry film thickness of 300 µm.

Weathered coatings: Weathered paintlayers should be pre-treated as follows:
Clean the surface with the water-soluble cleansing agent S.Y. Liquid Rinser to remove oil and grease completely.
Remove salt, growth of other contaminants by means of water under high pressure.
On thick existing Antifouling layers, a new coat may cause cracking and loss of adhesion. Remove such coatings by wet sanding and scraping or by means of a non-aggressive paintremover (clean the surface afterwards). Prior to applying a fresh coat of Chloorrubber Antifouling 2000, restore the protective underwater paint system.

RECOATABILITY If possible, use the same product for repairs and touch ups. Touch up until achieving the specified film thickness.

PAINT SYSTEMS For information about paintsystems we refer to the information leaflet "Standard Paintsystem 1 and 2". For any further technical information, please contact a Sikkens Yachtpaints dealer.
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FURTHER INFORMATION

Labelling: Labelling to EC Directive.

Approval: Holland Pesticides, Herbicides & Fungicides Agency: Authorisation No. 10692 N.

Empty containers: Containers which have not been cleaned fall under the national transport laws. On disposal, they must be labelled as delivered by Akzo Nobel Coatings.

Disposal of remainders: Remainders of this product cannot be disposed of through the Municipal Cleansing Department or dumped without permit. Disposal of remainders must be arranged for in consultation with the authorities.

HEALTH & SAFETY INFORMATION See for transport codes, ventilation and safety regulations our Material Safety Datasheet and the label.

GENERAL NOTES

The effectiveness of our paintsystems is based on a laboratory research and many years of practical experience. Nevertheless, we cannot accept without prior investigations, any responsibility for the work produced according to these specifications, as the final result also depends on factors beyond our control.

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This datasheet replaces all previous issues. Editing a new version will outdate this P.O. datasheet. When using this datasheet always secure that you have the latest version.

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