



Data sheet for coating substances v. Höveling Farben GmbH & Co. KG

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Name of Product

Biotox-Hart-Antifouling - tinfree D 91

Biotox-Hart-Antifouling, tinfree is a non polluting Antifouling suitable for every type of boatbuilding material. A high content of active agents gives a safe protection against fouling in every type of water. A slight sanding of Biotox-Hart-Antifouling-Graphit produces an additional gliding effect (racing boats). Launching is necessary latest after 6 months (with graphit after 3 months). No sanding in the following year.

Colour : red , blue, grafit ,black , white

1. Characteristics of liquid coating material / mixture

Density : 1,5 - 1,6 g/ml/20°C
 Solids by volume : ca. 42 %
 Theoreticalspreading rate at recommended dry film thickness : 10 m²/l at 40 µm

2. Application details

Mehtod	Size of nozzle (mm)	Spraying(flowing) pressure (bar)	Film thickness (µm)	
			wet	dry
Brushing/rolling	-----	-----	95	40
Airless spraying	0,3 - 0,7	ca.150	95	40

3. Mixing ratio by weight

Base ./. Weight %
 Hardener : ./. Weight %
 Consistency : thixotrop
 Prereaction time : ./. Minutes
 Pot life / 20°C : ./. Hours
 Spraying thinner quantity max. 10 Volume %
 Typ of tinner : D 22 Verdünner 799

4. Drying time (20°C) related to a dry film thickness of 40 µm

Touch dry (hours min.) 1 Hours
 Resistant to foot traffic 4 Hours
 Min. / Max. weathering before immersion : 24 Hours / 6 Months

5. Overcoating time (20 °C) related to a dry film thickness of 40 µm

Overcoating interval min. : 4 Hours
 Overcoating interval max. : 6 Months

Flash point : Base / Hardener 25 °C
 Minimun storability : 12 Month from delivery
 Storage temperature : min. +5 °C max. +35 °C