

## YACHTLINE

# DD – HARTLACK

## 2K-POLYURETHANE COATING

Code No./colour	Base:	FEE ...	No. according to colour
Gloss	Hardener:	FAX 1684	
Description	high glossy	Two-pack polyurethane topcoat with excellent weather resistance and extreme scratch resistance for above the waterline. High gloss and protection against yellowing. Resistant against seawater and different chemicals and oils.	
Recommended use	As topcoat on polyester, wood ply, steel and aluminium yachts and boats for boottop and topside areas.		

### Product information

Solids volume	abt. 50% (mixture), according to colour
Recommended DFT/WFT	50/100 microns
Theoretical coverage	abt. 10 m <sup>2</sup> /ltr. at 50 microns, depending on the roughness of the surface and application conditions
Specific gravity	colours: abt. 1,2 – 1,3 g/cm <sup>3</sup> (mixture), according to colour colourless: abt. 1,0 – 1,1 g/cm <sup>3</sup> (mixture)
Ingredients	acrylate resin, isocyanate, weather resistant pigments and extenders, acetates, additives

Mixture		<u>Base</u>	<u>Hardener</u>
	<b>weight</b>	3	1
	<b>volume</b>	2	1

Flash point	+ 25°C
Storage	abt.12 months in a closed container under normal conditions for unmixed components.

### Application

Pot life	6 – 8 hrs. at 20°C/65 % rel. humidity
Method of application	brush, roller or conventional spray
Tip size	---
Thinner	Wilckens DD-Thinner

Drying time	Temperature	+ 10°C	+ 20°C	+ 30°C
at 65 % relative humidity	<b>dust dry</b>	5 hrs.	3 hrs.	2 hrs.
	<b>touch dry</b>	48 hrs.	24 hrs.	18 hrs.
	<b>Ready for use</b>	14 days	7 days	5 days
Overcoatability interval at 20°C/65 % rel. humidity		24 hrs. – 5 days	12 hrs. – 3 days	8 hrs. – 2 days

During application the temperature of the surface should be at least 3°C above the dew point of the air.

Applications temperature	The object temperature should be between + 10°C and + 30°C and rel. humidity lower than 70 %. Take care of dew point.
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Surface preparation	The surface must be free of rust, mill scale, oil, salt and moisture. Loose old paint has to be removed and blemishes must be mechanically cleaned. Metal surfaces must be primed.
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Recommended paint system	<table border="0" style="border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 2px;"><u>wood</u> 1 x DD-Hartlack (20% thinned) min. 3 x DD-Hartlack</td> <td style="border-right: 1px solid black; padding: 2px;"><u>GRP</u> no primer required 1 – 2 x DD-Hartlack</td> <td style="padding: 2px;"><u>steel/aluminium</u> 4 – 5 x Epoxy Primer 1 – 2 x DD-Hartlack</td> </tr> </table>	<u>wood</u> 1 x DD-Hartlack (20% thinned) min. 3 x DD-Hartlack	<u>GRP</u> no primer required 1 – 2 x DD-Hartlack	<u>steel/aluminium</u> 4 – 5 x Epoxy Primer 1 – 2 x DD-Hartlack
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Overcoatability	Can be overcoated with same material with in overcoating interval.
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### Generals

Safety precautions	<ul style="list-style-type: none"> <li>- flammable</li> <li>- keep out of the reach of children</li> <li>- if swallowed, seek medical advice immediately and show this container or label</li> <li>- use only in well-ventilated areas</li> <li>- do not breathe vapour</li> <li>- this Product isn't subject of the VOC-Paint Directive (2004/42/EC)</li> </ul>
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### General remarks

These technical data are given to you for information purpose only. They are based on our own research and experiences. No responsibility can be assumed due to different conditions during application. As these depend on factors beyond our control. In case of doubt, please consult our technical / service department. Data are subject to change without prior notice and become void five years from the date issue.