

System V

Wood above water line, clear / natural
(after surface preparation)

v.Höveling YACHTFARBEN



Painting sequence	Product	Mixing ratio by weight	Theoretical coverage approx. m² / l	Application	Application surface temperature	Drying time at 20° C, 80 % rel. humidity in hours		Overcoating interval		Thinner / cleaner for tools	Recommended number of coatings for boat building material from different woods			
						dust-dry	resistant to rain	min. h.	max. days		Nordic soft wood, like spruce fir pine	Hard wood like Oregon oak asch	Tropical hardwood like teak mahogany	waterproof glued plywood
1	D 03 Yacht-Klarlack		12	P/AS/LS	10-30	4	8	16	90	799	5*	5*		5*
	Alternative to pos.1 D 15 Lacquer oil with UV-Filter		12	P	10-30	4	24	24	90	799	5*	5*	5*	5*
	Alternative to pos.1 D 83 DD-Hartlack -clear-	2+1	12,5	P/AS/LS	10-30	1	4	8	2	008	5*	5*	5*	5*

* 1st coating with addition of 30% - 40% thinner, then slight polishing, then
2nd coating with addition of 10% - 20% thinner, then slight polishing

Wood and its surface treatment

Wood is a living building material, which differs greatly according to type, origin and application. In boat building, solid woods or water resistant and boilproof glued plywoods are used. All solid woods rapidly take up water until to saturation point (approx. 60%) and release it only slowly. With this characteristic of the wood the dimensions change to a different degree in relation to the direction of growth. Thus shakes and checks can develop, which are very difficult to bridge with coating systems.

Lacquer oil with UV-filter D 15, a combination of special alkyd resin oils, reacts like wood with the surrounding humidity of the air and therefore stays elastic. It forms no shakes or bubbles and does not flake from the substratum.

Before its coating, wood must be air-seasoned (max. 18% kernel humidity), and it must be oil-, fat- and dustfree.

Before painting, the ingredients (resins, latex, oils) of tropical hardwoods have to be dissolved pore deep with 2-K-thinner 990 D 23 and a hard brush and taken up and removed with fluff free formed fabric. For all absorbent soft woods that are to be coated with a 1 component system, a depth impregnation until saturation with wood preservative impregnating oil D 04 is carried out for the prevention of rotting, bacteria and fungal attack.

Water and boilproof glued plywood (except teak plywood) does not need any special pretreatment.

Please remember that after the first coating wood fibres right. These must be eliminated by slight polishing because of their wicking and surface roughness.

For a good finish, a slight polishing after each coating is recommended.

These system and product informations are non-binding planning aids.

The previous editions of data sheets herewith lose their validity.