

PRELIMINARY PRODUCT INFORMATION

Köraflex VP 990

Marine



Elastic, one component adhesive and sealant for deck caulking joints in the boat and shipbuilding industry.

- Good adhesion to wooden materials, duroplas-
tics and thermoplastics (except PE, PP, PTFE)
- Good resistance to humidity and weathering
- Good resistance to water and salt water
- Good resistance to a lot of teak cleaner and
- Highly resistant to UV radiation
- Temperature resistant from -40°C to +120°C
(for short intervals resistant up to +150°C)

TECHNICAL DATA

Base	synthetic polymer, one component, solvent-free, cures with humidity		
Colour	black, white		
Density	approx. 1,4	g/cm ³	DIN 53479 ¹⁾
Viscosity	Pasty, spreadable, lightly self-levelling		
Skin formation	60	min	¹⁾
Curing time	2	mm (on the first day) time is dependent on layer thickness	¹⁾
Hardness Shore A	40	6 mm sample; after 4 weeks	DIN 53 505 ¹⁾
Elongation at break	410	%	DIN 53 504, S3A
Tensile strength	2,0	N/mm ²	DIN 53 504, S3A
Tear strength	6,5	N/mm	ISO 34

¹⁾ measured in normal climate DIN 50014-23/50-2

PROCESSING

Processing temperature

+10°C to +40°C

Low temperature and low humidity will slow the cure rate. Higher temperatures and high humidity will accelerate the curing process.

Preparation

The surfaces to be bonded must be clean, dry and free of dust and grease. Preliminary tests for adhesion and compatibility on plastic and paints are recommended.

Avoid 3 side adhesion, maximum movement within the joint 10 - 15% of the joint width.

Depending on the surface quality the most wooden materials can be bonded without primer. For strengthening the bond of absorbent surfaces we recommend **Körabond HG 92**. Preliminary tests are required.

Bonding

Apply the adhesive with an appropriate application gun. Avoid bubble formation.

The curing time depends on temperature, humidity and dimensions of the joint.

Köraflex VP 990 can be grinded after 3 till 5 days (+23 °C and 50 % rh).

MARINE

CLEANING

Körasolv GL or Körasolv SI.

Clean tools immediately after use.

Cured material can only be removed mechanically.

SPECIAL NOTES

Tools

Application gun

Storage

Do not store at temperatures above +25°C for longer periods of time. Unopened containers can be used up to 12 months.

Please note the processing instructions for deck caulking with Köraflex VP 990.

With **Köraflex VP 990 white**, there may be some discoloration of the seam by Teak ingredients and possibly by cleaning and care products.

Remove uncured contamination with **Körasolv WL**, cured with **Körasolv SI**, especially before painting. On visible wood surfaces should wait until **Köraflex VP 990** are completely cured, afterwards ground to remove. A final treatment of the teak decks, for example clear coat, is not required and is not recommended.

SAFETY

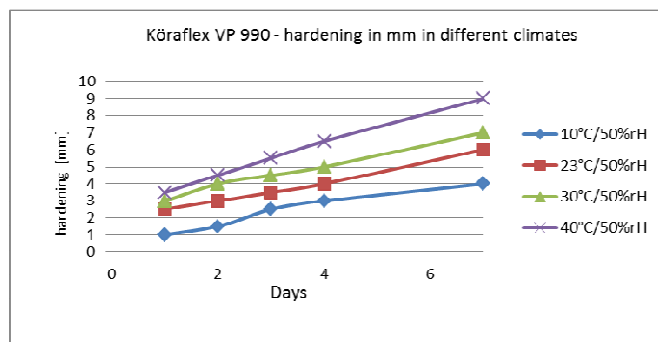
Please read our Safety-Data-Sheet and the labels of each product before use.

Pay particular attention to the directions given in the Dangerous Substance Regulations.

Make sure the safety data sheet is readily available as it gives valuable information regarding the safe usage and disposal of the product and what to do in the event of an accident involving the product.

PACKAGING UNITS

600 ml sachet (12 pcs per carton box)



For safety related data please refer to the safety data sheet!

Please note: All given data are based on careful examination in our laboratories and our past practical experience. These are non-binding indications. Given the high number of materials appearing on the market and the different methods of use which are beyond our influence and control, we naturally cannot accept any responsibility for the results of your work, also with regard to third party patent rights. We recommend that sufficiently thorough tests be carried out to ascertain whether the product described will meet the requirements of your particular case. Please also note our Terms of Sale, Delivery and Payment. This product information replaces all previous issues.



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