

# Körapop 970 Marine



**Elastic, one component sealant and bonding compound specifically designed for deck caulking joints in the marine and boat industry.**

- Good adhesion to wooden materials, duroplastics and thermoplastics (except PE, PP, PTFE)
- It is recommended to evaluate compatibility of stress cracking on PS, PC, ABS
- Good resistance to humidity and weathering
- Good adhesion to glass, many kinds of metals (zinc, aluminium, steel) varnished and primed surfaces.
- Highly resistant to UV radiation
- Temperature resistant from -40°C to +90°C ( for short intervals resistant up to +120°C)

## TECHNICAL DATA

Base	Silane-terminated polymer, one component, solvent-free, cures on exposure to humidity		
Colour	Black		
Density	1,31	g/cm <sup>3</sup>	
Viscosity	Thixotropic, spreadable, useable with application gun		
Skin formation	50	Min.	
Curing time	3	mm (on the first day) time is dependent on layer thickness	DIN 50 014 NC 23/50-2
Change in volume	1	% in 14 days	DIN 50 014
Shore-A-hardness	30	layer thickness 6 mm after 4 weeks	DIN 53 505
Elongation at break	280	% (Nst. S 3 A)	DIN 53 504
Tensile strength	2,3	N/mm <sup>2</sup> (Nst. S 3 A)	DIN 53 504
Tear strength	8,0	N/mm	ASTM D 624 form B

## PROCESSING

### Processing temperature

+5°C to +30°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.

For strengthening the bond of absorbent surfaces we recommend Körabond HG 74 E or Körabond HG 91. Preliminary tests are required.

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

### Bonding

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

**KÖRAPOP 970 MARINE****CLEANING**

Körasolv CR or Körasolv PU.  
Clean tools immediately after use.  
Cured material can only be removed mechanically.

**SPECIAL NOTES****Tools**

Application gun

**Storage**

Do not store at temperature above +25°C. When stored in unopened containers, useable up to 6 months.

**SAFETY**

Please notice the indications on our EC-safety-data-sheets and the safety-indications on the labels of each product for the treatment of our products.  
Especially the directions of the Dangerous Substance Regulation and the Accident Prevention Regulation of the Employers Liability Insurance have to be respected.  
Keep the EC-safety-data-sheet of the product you treat ready to hand. It gives you valuable indications for the safe usage, disposal and in case of accidents.

**PACKAGING UNITS**

310 ml cartridge (carton à 12 pcs.)  
600 ml sausage

**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.



**KÖMMERLING CHEMISCHE FABRIK GMBH**

Zweibrücker Str. 200 D-66954 Pirmasens  
Phone +49 6331 56-2000  
Fax +49 6331 56-1999

P.O. Box 2162

eMail

Internet

D-66929 Pirmasens

info@koe-chemie.de

www.koe-chemie.de

