

# Körapop 954 Marine



**Körapop 954 Marine is a one-component, elastic, solvent free adhesive and sealant specifically designed for exterior application in the marine and boat industry**

- Good adhesion to glass, many kinds of metal (zinc, aluminium, steel) varnished and primed surfaces. Bonds well to wooden materials, duroplastics and thermoplastics (except PE, PP, PTFE) and mineral surfaces
- Usable for bonding of mineral glass in the ship and boat building industry
- Good resistance to humidity, weathering and to temperatures from -40°C to +90°C (for short intervals up to +120°C)
- Overpaintable in the wet-on-wet process

## TECHNCIAL DATA

Base	Silane-terminated polymer, cures on exposure to humidity	
Colour	White, black	
Density	1,41 g/cm <sup>3</sup>	
Viscosity	Paste, spreadable, good resistance to sagging	
Skin formation time	10 min	
Curing time	3 mm (on the first day) Time depends on thickness of the layer	
Hardness Shore A	58 after 4 weeks	DIN 53 505
Elongation at tear	380 %	DIN 53 504
Tensile strength	3,2 N/mm <sup>2</sup>	DIN 53 504, 2 mm
Tear resistance	22,0 N/mm	DIN 53 515
Temperatur Resistance	-40°C to + 90°C 45 min to +180°C 30 min to +200°C	

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## PROCESSING

### Processing temperature

+5 °C to +30 °C

### Preparation

Surfaces have to be dry, clean and free from dust and grease. To increase bond strength of absorbent materials such as wood we recommend the use of **Körabond HG 74 E**. Adhesion on non-absorbent surfaces can be increased by using **Körabond HG 83**.

When bonding of mineral glass the glass panes must be pretreated with black primer **Körabond HG 17**.

Preliminary tests are required.

### Bonding

Apply **Körapop 954 Marine** to the surface by using an appropriate application gun. Join the material within 5 minutes after application and press firmly together. The thickness of the layer depends on the expected movement of the joint. We recommend mechanical fixing until complete cure is obtained. The cure time depends on thickness of the layer, temperature and moisture.

### Overpainting

The paint must be tested for compatibility by carrying out preliminary trails. The hardness and film thickness of the paint may impair air humidity. Thus, the curing reaction of the bond proceeds slower.

The movement is determined by the characteristics of the film thickness.

## CLEANING

### Körasolv CR, GL or Körasolv PU.

Clean tools immediately after use. Once cured, the material can only be removed mechanically.

## SPECIAL NOTES

### Regulation

Not suitable for glass bonding with constant sunlight on the adhesive surface.

### Tools

Adhesive applicator or sealant gun.

### Storage

Do not store at temperatures above +25 °C for longer periods of time. Depending on packaging unopened containers can be used up to:

Sachets: 12 months

Cartridges: 9 months

## 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 Sachets (carton à 12 pcs.)

310 ml PE Cartridges (carton à 12 pcs.)

### 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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