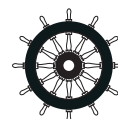


# Körapur 940 Marine



**Elastic, one component moisture curing adhesive and sealant suitable for use in the marine and boat industry**

- Good adhesion to primed and painted metals, aluminium, wood and duroplastics, GRP and gel coat
- Deck-to-hull bonding
- Construction adhesive
- Good resistance to humidity and weathering
- Resistant to temperatures from  $-40^{\circ}\text{C}$  to  $+90^{\circ}\text{C}$  (for short intervals up to  $+120^{\circ}\text{C}$ )
- High resistance to sagging
- Fast curing
- Overpaintable after curing
- Spreadable
- Meets the requirements of the International Maritime Organization



## TECHNICAL DATA

Base	Polyurethane, one-component, cures on exposure to humidity	
Colour	White, grey, black	
Density	1,2 g/cm <sup>3</sup>	
Viscosity	Paste, spreadable, non-sag properties, useable by sealant applicator gun	
Skin formation time	70-90 min	DIN 50 014 NC 23/50-2
Curing	3 mm (on the first day)	DIN 50 014 NC 23/50-2
Change in volume	7 %	DIN 52 451
Hardness Shore A	55	DIN 53 505
Elongation at break	400 %	DIN 53 504
Tensile strength	4 N/mm <sup>2</sup>	DIN 53 504
Lap shear strength	3 N/mm <sup>2</sup> (at a layer thickness of 2 mm)	DIN 53283
Tear resistance	7 N/mm	DIN 53 515

# KÖRAPUR 940 MARINE

## PREPARATION

### Processing temperature

+5°C to +35°C

### Preparation

The surfaces to be bonded must be clean, dry and free from dust and grease. For cleaning we recommend **Körasolv PU**. In the case of powder coated substrates, **Körasolv WL** should be used.

To increase bond strength of non-porous substrates such as glass, glass-fibre reinforced plastics, gel coat, aluminium, stainless steel, etc. we recommend the use of **Körabond HG 81**. For porous substrates such as wood, **Körabond HG 74 E** is recommended. For certain plastics such as ABS or PVC we suggest the use of **Körabond HG 77**.

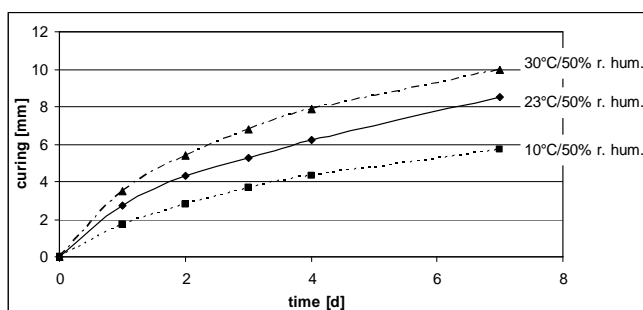
Due to the diversity of substrates, preliminary tests are necessary.

### Bonding

The thickness of the layer depends on the expected mechanical movement. Join the material to be bonded within 45 minutes after application. Due to the low initial tack, we recommend mechanical fixing until a complete cure is obtained. The cure time is dependent on temperature, humidity and the dimensions of the joint.

The absolute moisture content depends on the air temperature. Therefore, we recommend the use of our hardener „**Köracur 110**“. Advice on specific application is available from the data sheet on request.

**Körapur 940 Marine** will cure unaffected by water when using hardener **Köracur 110**.



## CLEANING

### Körasolv PU

Clean tools immediately after use.

Once cured material can only be removed mechanically.

## SPECIAL NOTES

### Tools

Spatula or 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:

Drums: 6 months

Sachets: 9 months

Cartridges: 9 months

### Precautions

When using **Körapur 940 Marine**, avoid direct skin contact of the uncured material. Wear suitable personal protective equipment (chemical resistant gloves/clothing).

Users should always refer to the Central Association of the Mutual Industrial Accident Insurance Funds, Central Office for Accident Prevention, when processing PUR-coating materials.

### IMO requirements

Meets the requirements of the International Maritime Organization up to a coating weight of 168 g/m<sup>2</sup>.

## 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 UNIT

230 kg Drums

600 ml Sachets (carton à 12 pcs.)

310 ml 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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