

PRODUCT INFORMATION

Körapox BS 90



KÖMMERLING CHEMISCHE FABRIK GMBH

For non-slipping sealing of coated floors in lorries, containers, sales vehicles, caravans, camping cars, etc.

- Particularly suitable for fresh food vehicles, meat and fish vehicles as well as refrigerating vehicles (tested up to $-30\text{ }^{\circ}\text{C}$)
- Approved for indirect contact with foodstuff – Test certificate available
- This kind of coating saves one working process and excels by an extraordinary homogeneous aspect

TECHNICAL DATA

Base	Two component epoxy resin, containing solvent		
Colour	Grey, approx. RAL 7037		
Consistency	Thixotropic		
Density			DIN 53 479
- resin	1.70	g/cm^3	
- hardener	0.96	g/cm^3	
- mix	1.55	g/cm^3	
Viscosity			Brookfield RVT
- resin	Paste		
- hardener	70	$\text{mPa}\cdot\text{s}$	
- mix	18.000	$\text{mPa}\cdot\text{s}$	
Hardener / accelerator	BS 90 B		
Consumption	800–1000	g/m^2	depending on the desired structure
Open time	30	min	
Mixing ratio resin : hardener	7 : 1	units by weight	
Curing time	24	h	

KÖRAPOX BS 90

PROCESSING

Processing temperature

+15°C to +25°C

Low processing temperatures delay curing and the point of time of first load capacity.

Preparation

The surfaces must be clean, dry and free of dust and grease. The surfaces must be prepared in a way to assure good adhesion. This includes mechanical and/or chemical pre-treatment, if necessary. GRP and metals should be pre-treated by grinding or sanding.

Repairing elder floors requires particular diligence in the pre-treatment of the substrate. Good results are obtained with sand blasting. Not applicable for sealing of wooden floors.

Bonding

Thoroughly mix the silica sand containing sealant **Köradox BS 90** – resin and hardener – at a mixing ratio of 7 : 1 by weight using a stirrer (approx. 400 rpm).

Pour mixed material in a different container and stir again.

Apply the adhesive equally on the substrate using a structural foam roll.

Depending on the desired structure, consumption is of about 800–1000 g/m².

Coated surfaces can be stepped on after about 24 hours. After approx. 48 hours, they can be exposed to load exerted by fork lifters.

CLEANING

Körasolv PU.

Clean tools immediately after use. Cured adhesive can only be removed mechanically.

SPECIAL NOTES

Storage

Do not store at temperatures below +10°C and not for more than 12 months.

Precautions

When processing **Köradox BS 90** avoid direct skin contact with the uncured adhesive. Wear protective gloves.

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

8 kg mixing unit

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

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