

# Ködiphone SLV



## Transparent three component cast resin

- For the manufacture of composite glass
- Curing at room temperature
- With the distinguishing characteristics of sound insulation

## TECHNICAL DATA

Base	Polymerizable methacrylic resin, contains monomers		
Colour	colourless, clear		
Consistency	fluid, pourable		
Consumption	1,11	kg/m <sup>2</sup> glazing surface and mm layer thickness	
Properties of cured resin			
Elongation at tear	210	%	Sim. to DIN 53 504 Nst. S 3 A *
Tensile strength	1,5	N/mm <sup>2</sup>	Sim. to DIN 53 504 Nst. S 3 A *
Density	1,11	g/cm <sup>3</sup>	*
Shrinkage in volume	13	%	
Mixing ratio acc. to volume and weight	76 : 12 : 12		
	* Standard Climate DIN 50 014 – 23/50-2		

## PROCESSING

### Preparation

Cut the glass to the desired dimension. Then clean it manually or by suitable glass washing machines. Before filling, the glass must be dry, clean and free from dust. Use Kö-tape on the glasses to be connected to create the desired thickness of the Ködiphone interim layer (distance between the glasses), then press glasses together.

### Application

The required quantity of resin is mixed at a ratio of 76 parts (component A) : 12 parts (component B) : 12 parts (component C). By means of an appropriate mixing and pumping device and filled between the glass sheets. After filling, the glass has to remain approx. 5 minutes in an upright position to permit the air to escape which was introduced during pouring.

The glass sheets are then gradually lowered into a horizontal position. When the Ködiphone level reaches the filling opening, it is sealed with Köramelt 316. The product cures in a horizontal position, the supporting surface must be level and right. The curing time depends upon the temperature and the thickness of the layer. Do not apply Ködiphone at temperatures below 18°C or above 30°C.

### Further processing of the composite glass

It is essential that all materials (sealants, setting blocks, etc.) which might be in contact with the cast resin layer have to be compatible.

**Please order supplementary instruction about manufacturing and application.**

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## SPECIAL NOTES

### Storage

Store containers tightly closed in a cool (not exceeding 30°C), dark place, not for more than 6 months. Ködiphone must be in contact with air oxygen. Keep free from impurities, especially rust, rubbed-off metal parts, etc. Avoid entry of humidity. Check drying cartridges regularly.

## 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 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

A	B	C
50 kg	7,9 kg	7,9 kg
180 kg	28,4 kg	28,4 kg
800 kg	28,4 kg	28,4 kg

## PRODUCT NUMBER

C 36016

C 34312

C 34313

### 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 56-2523

Fax +49 6331 56-2193

P.O. Box 2162

eMail

Internet

D-66929 Pirmasens

info@koe-chemie.de

www.koe-chemie.de



DIN EN ISO 9001:2000  
Zertifikat: 01 100 044853  
ISO 14001:2004  
Zertifikat: 01 104 053913  
OHSAS 18001:1999  
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