

# Ködiguard UV



## Transparent one component cast resin

- For the manufacture of composite glass
- Curing is effected by UV radiation
- With the distinguishing characteristics of sound insulation in combination with attack resistance

## TECHNICAL DATA

Base	Low viscosity acrylic resin		
Colour	colourless, clear		
Consistency	fluid, castable		
Density	0,91	g/cm <sup>3</sup>	
Consumption	1,04	kg/m <sup>2</sup> glazing surface and mm layer thickness	
<u>Properties of cured resin:</u>			
Elongation at tear	550	%	Sim. to DIN 53 504 Nst. S 3 A *
Tensile strength	1,6	N/mm <sup>2</sup>	Sim. to DIN 53 504 Nst. S 3 A *
Density	1,04	g/cm <sup>3</sup>	*
Shrinkage in volume	13	%	
	* Standard Climate according to DIN 50 014 – 23/50-2		

## PROCESSING

### Preparation

Cut the glass to the desired dimension. Then clean by hand or by suitable glass washing machines. Before filling, the glass must be dry, clean and free from dust. Space the glass panes to be joined with Kö-Tape to the desired thickness of the Ködiguard interim layer and press them.

### Filling

Fill the calculated amount of cast resin into the glass pane spacing with an appropriate dosing unit. After the filling process, the panes remain in inclined position in order to let the air escape which has been introduced during casting. Then, lower the glass panes slowly until they reach a horizontal position. As soon as Ködiguard reaches the feed opening, close the latter with Köramelt 316.

### Curing

Curing takes place in horizontal position. The bearing surface must be flat. For this purpose, equipment in various designs is available. The UV-radiation surfaces must have dimensions which allow a homogeneous radiation of the whole curing surface. Curing time depends on UV intensity. Room temperature should be within a range of 15 °C to 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.**

**SPECIAL NOTES****Storage**

Store containers tightly closed in a cool (not exceeding 30°C), dark place, not for more than 6 months. Ködiguard 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**

50 kg, 180 kg, 800 kg

**PRODUCT NUMBER**

C 36042

**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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