

Ködispace



Thermoplastic Spacer (Warm-Edge-System)

- Sealant for the manufacture of insulating glass with improved heat insulation properties due to the omission of traditional metal spacer bar
- Low water vapour and gas permeability
- Improved u-value at the edge ("warm edge")
- Minimised condensation at the edge of insulating glass
- Suitable for the manufacture of laminated cast resin panes with Ködiguard and Ködiphone cast resin systems

Ködispace consists of a thermoplastic substrate with integrated desiccant for dehydrating the space between the panes.

Ködispace is applied with a suitable applicator onto the glass and completely replaces conventional metal or plastic spacer, desiccant and primary seal. The outer sealing will be made with the sealant for the manufacture of insulated glass **GD 116** (PSR).

TECHNICAL DATA

Base	Synthetic rubber (Polyisobutylene), solvent free		
Colour	Black		
Consistency	Solid compound, can only be processed at high temperatures using applicators		
Stability	Functionality over a large range of temperatures: -20°C to +70°C		
Density	1.26	g/cm ³	DIN 53 479, +23°C
Gas permeation	<	0.002	g/m ² •h EN 1279.4
Water vapour transmission rate	<	0.1	g/m ² •d EN 1279.4
Volatile content	≤	0.5	% EN 1279.6, annex G
Fogging	Without visual fogging		EN 1279.6, annex C
Water intake capacity	3.9	%	EN 1279.2, annex C4
Torque	375	Nmm	Elastograph at +80°C, DIN 53529 T4
Specific thermal conductivity	0.310	W / (m•K)	+23°C
Pore aperture desiccant	3	Å	

KÖDISPACE

PROCESSING

Preparation

The application surface must be clean, dry and free of dust and grease. For cleaning the glass panes, suitable glass washing machines must be used.

Bonding

Ködispace is supplied in a „ready to use“-state, but must be heated up to +115°C to +140°C. Further processing is made with a TPS-applicator.

Processing

Follow the detailed application instructions for **Ködispace** which are available on request.

Ködispace was developed for the production of insulated glass for use in the construction industry. For other applications, please contact our technical service department.

SPECIAL NOTES

Storage

Store in unopened drums. Do not exceed +40°C. Protect from humidity and direct sunlight. Do not store outside.

In the unopened container **Ködispace** can be stored for at least 12 months.

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 and the Accident Prevention Regulation of the Employers Liability Insurance 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

230 kg drum

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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