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 Ködigunguard 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**

<table>
<thead>
<tr>
<th>Base</th>
<th>Synthetic rubber (Polyisobutylene), solvent free</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Black</td>
</tr>
<tr>
<td>Consistency</td>
<td>Solid compound, can only be processed at high temperatures using applicators</td>
</tr>
<tr>
<td>Stability</td>
<td>Functionality over a large range of temperatures: –20°C to +70°C</td>
</tr>
<tr>
<td>Density</td>
<td>1.26 g/cm³</td>
</tr>
<tr>
<td>Gas permeation</td>
<td>&lt; 0.002 g/m²•h</td>
</tr>
<tr>
<td>Water vapour transmission rate</td>
<td>&lt; 0.1 g/m²•d</td>
</tr>
<tr>
<td>Volatile content</td>
<td>≤ 0.5 %</td>
</tr>
<tr>
<td>Fogging</td>
<td>Without visual fogging</td>
</tr>
<tr>
<td>Water intake capacity</td>
<td>3.9 %</td>
</tr>
<tr>
<td>Torque</td>
<td>375 Nmm</td>
</tr>
<tr>
<td>Specific thermal conductivity</td>
<td>0.310 W / (m•K)</td>
</tr>
<tr>
<td>Pore aperture desiccant</td>
<td>3 Å</td>
</tr>
</tbody>
</table>

DIN 53 479, +23°C
EN 1279.4
EN 1279.4
EN 1279.6, annex G
EN 1279.6, annex C
EN 1279.2, annex C4
Elastograph at +80°C, DIN 53529 T4
+23°C
**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

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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 as certain 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.