

Ködispace 4SG



H.B. Fuller



KÖMMERLING

Thermoplastic Spacer (Warm Edge System)

- Warm Edge System for the manufacture of insulating glass, especially for Structural Glazing
- Very low water vapour and gas permeability
- Improved temperature resistance in the insulating glass
- Optimised adhesion to glass and the silicone-secondary sealant due to chemical bonding
- Fast wet out to glass after application
- Reduction of condensation in the edge area
- High productivity due to fully automated application

Ködispace 4SG consists of a thermoplastic rubber with integrated desiccant for dehydrating the space between the panes. **Ködispace 4SG** is applied with a suitable applicator onto the glass and completely replaces conventional metal or plastic spacer, desiccant and primary seal. The outer sealing is still to be made with all proven Koemmerling two-component sealants for the manufacture of insulating glass (PSR), or the Koemmerling silicones **GD 920** or **Ködiglaze S**.

TECHNICAL DATA

Base	Synthetic rubber (Polyisobutylene), solvent-free		
Colour	Black		
Consistency	Solid compound, application temperature +110 °C to +140 °C		
Stability	Functionality over a large range of temperatures from –30°C to +90°C		
Density	1,28	g/cm ³	DIN 53 479, 23°C
Gas permeation	<	0,002	g/m ² ·h
Water vapour transmission rate	<	0,1	g/m ² ·d
Volatile content	≤	0,5	%
Fogging	Without visual fogging		EN 1279.6, annexe C
Torque	380	Nmm	Elastograph at +80°C, DIN 53529 T4
Standard moisture adsorption capacity (T _c)	3,5	%	prEN1279.4, Annex G3.2

PROCESSING

Preparation

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

Bonding

Ködispace 4SG is supplied in a „ready-to-use“-state, but must be heated up to +110°C to +140°C. Further processing is made with an applicator.

Processing

Follow the detailed application instructions for **Ködispace 4SG**, which are available on request.

Ködispace 4SG was developed for the production of insulating glass for use in the construction industry. For other applications please contact our technical service department.

KÖDISPACE 4SG

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 4SG** can be stored for at least 12 months.

SAFETY

Prior to application it is highly recommended to read our Safety Data Sheets containing health, safe handling, storage, disposal of chemical products and other safety related data.

Please also refer to the safety recommendations on the label before using the product.

Especially the directions of the Dangerous Substance Regulation should be carefully observed.

PACKAGING

Drums of 220 kg

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.