

SEALANTS FOR MANUFACTURING THERMO-INSULATING GLASS

Thermoplastic 1-K primary sealant based on polyisobutylene for achieving gas and water vapour tightness in double or multi layered insulating glass.

PROPERTIES

- Excellent adhesion to clean surfaces such as glass, aluminium, stainless steel and hybrid spacers
- Extremely low gas and water vapour permeability
- Compatible with TKK materials used for production of thermal insulating glass
- Contains no solvents
- Color: Black

TESTS AND CERTIFICATES

TÜV Rheinland certificate according to the standard EN 1279 : 2018

- part 2 [long-term test method according to EN 1279-2:2018-07]
- part 3 [long-term test method according to EN 1279-3:2018-07]
- part 6 [determining the penetration index l_{av}]

USE

- Primary sealant for achieving water vapour and gas tightness in insulating glass
- Suitable for production of double or multi layer insulating glass
- Always use in combination with TKK sealant for production of insulating glass sealant

TECHNICAL DATA

Base:	Polyisobutylene
Appearance:	Black, thermoplastic sealant
Specific gravity:	≈ 1,15 g/cm ³
Application temperature:	120°C – 140°C *

- Values of temperature for heating TKK GE BUTMELT may vary depending on the type and maintenance of the application machine

APPLICATION

To achieve good adhesion, the glass and spacers must be clean, dry, grease-free and dust-free

To clean the surface, we recommend using TKK ACTIVE CLEANER. The recommended temperature for applying BUTMELT is between 120°C and 140°C. On each side of spacer apply approx ≈ 3g TKK GE BUTMELT/m. The amount of application is regulated by the speed of movement of the spacer past the nozzle, by temperature and pressure. The application of the TKK GE BUTMELT to the spacer must be continuous. Therefore, special attention should be paid to the sealing of the corners!

We do not recommend long breaks between applying TKK GE BUTMELT the spacer to the glass, as during this time the TKK GE BUTMELT can cool down to a temperature where it becomes plastic again and loses its stickiness (especially in colder environments).

PACKAGING

- Reel, 7 kg
- Drum, 200kg [by agreement]

STORAGE

36 month in a dr. and cold place at a temperature between 15°C and 25°C, in originally closed packaging. STORE AWAY FROM THE SUNLIGHT!

HEALTH, SAFETY HANDLING AND DISPOSAL INFORMATION

Additional information on safety, safe handling instructions and personal protective equipment as well as disposal information are available in a safety data sheet. Safety data sheet is available upon request. You can also ask your TKK distributor for a copy.

WARNING

Instructions contained in this document are based on our research and experience, however, due to specific conditions and working methods we recommend that you perform preliminary tests prior to any application of our products.



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