



High Performance Neutral Silicone

Product Description

SiegelGlaze TPS150 is the ultimate warm edge spacer for the manufacturing of insulating glass units. Based on polyisobutylene (PIB) resin, this formulation includes an innovative blend of thermoplastic elastomer and included desiccant for humidity elimination. SiegelGlaze TPS150 will maintain its plasticity and sealing properties throughout a wide temperature range and will not harden and crack with extensive UV exposure. SiegelGlaze TPS150 is the ultimate thermoplastic spacer technology for optimal IGU service life. Recommended to be used in conjunction with a SiegelGlaze two component polysulfide sealant.

Product Advantages

- SiegelGlaze TPS150 has excellent adhesion onto all standard IG materials.
- SiegelGlaze TPS150 is compatible with all glass types and coatings.
- SiegelGlaze TPS150 has exceptional resistance to vapor and argon permeability.
- SiegelGlaze TPS150 is rheologically optimised for consistent application on all spacer widths.
- SiegelGlaze TPS150 is suitable for all IGU line types and line speeds.
- SiegelGlaze TPS150 has included desiccant for anti-fogging and is solvent free.
- SiegelGlaze TPS150 has excellent physical stability in extreme cold environments.

Application

Surface Preparation: Surface of both glass substrates must be dry, clean and free of oil

Curing: Sealant should be applied between 120 - 150°C. Reducing application temperature will increase curing rate. Increasing application temperature will decrease curing rate.

Recommended using when ambient temperature is above 10°C.

Technical Information

Sealant Type	Synthetic PIB Rubbers	Colour	Black
Density	1.22 kg / L	Secondary Sealant	SiegelGlaze PS200
Application Temp	120 - 150°C	Moisture Absorption	EN1279.2 part C 220kg / drum
Fogging	EN1279.6 part C No Visual Fogging	Packaging	110°C
VOC	EN1279-6 part C 0,007 gr H2O / (m2 x h) @ 2 mm	Argon Penetration Rate	EN1279-4 part 5.2 and 5.3 1,8 +/- 0,2 * 10 ⁻³ g/ (m2 x h)
Torque	Elastograph at 80 °C 435 Nmm		

Health & Safety

May cause an allergic skin reaction. Causes serious eye irritation. Wear protective gloves and eye protection. IF ON SKIN: Wash with soap and water. IF IN EYES: Rinse continuously with water for several minutes. If skin irritation or a rash occurs: Seek medical advice/attention. If eye irritation persists: Seek medical advice/attention. Wash contaminated clothing before reuse. Keep out of reach of children. Contains aminosilane. May produce an allergic reaction. Safety data sheet available on request. For further health and safety information, check the latest safety data sheet.

Product Disclaimer

Since the use and application of this product is beyond our control, we cannot be held responsible for product field performance. The information presented above is the result of our considerable experience with this product but is not to be construed as a performance warranty. In every case we recommend that the customer conducts their own testing and accordingly determines, to their satisfaction, its suitability for their purpose under the operating conditions in which they will use the product/s.

For additional information, phone our Customer Service Centre on AU (02) 4858 1771 or NZ (09) 951 9552.

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