



High Performance Neutral Silicone

Product Description

SiegelGlaze PS200 is a high performance two-component secondary sealant for insulated glass manufacturing. Formulated on a Polysulfide Monomer base, this sealant possesses excellent adhesion to glass, aluminium and stainless-steel materials.

This formulation provides a higher level of chemical, moisture and gas resistance guaranteeing the highest level of argon retention and lower level of moisture penetration. The inherent properties of a polysulfide IGU seal particularly in extreme cold means better overall performance and physical stability of the cured seal.

Product Advantages

- SiegelGlaze PS200 has excellent adhesion onto all standard IG materials.
- SiegelGlaze PS200 is compatible with all glass types and coatings.
- SiegelGlaze PS200 has exceptional resistance to vapor and argon permeability.
- SiegelGlaze PS200 is rheologically optimised for consistent application on all spacer widths.
- SiegelGlaze PS200 is suitable for all IGU line types and line speeds.
- SiegelGlaze PS200 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: Cold curing time is 80-100 minutes at 23°Celsius and RH 50%. Reducing application temperature will increase curing rate. Increasing application temperature will decrease curing rate.

Mix ration can be adjusted by a variance of +/- 20% (B Comp. only)

Pot Life: sealant should be used within 40-50 minutes based on an ambient environment of 23°Celsius and RH 50%. Reducing application temperature will increase pot life. Increasing application temperature will decrease pot life.

i Technical Information

Sealant Type	Polysulfide Monomers	Colour	Comp. A Light Grey Comp. B Black
Density	Comp. A 1.80 - 1.84 kg / L Comp. B 1.62 - 1.70 kg / L	Mix Ratio	A:B by weight 10:0.92 A:B by volume 10:1.00
Cold Cure Time	23°Celsius at RH 50%. 80 - 100 mins	Pot Life	23°Celsius at RH 50%. 40 - 50 mins
Packaging	Component A 191 L Component B 19 L	VOC	< 1g per Litre
MVTR (Moisture Vapor Transmission Rate)	EN1279-4 part 5.2 and 5.3 6.3 gr / 24h / m2	Argon Penetration Rate	EN1279-4 part 5.2 and 5.3 0.0002 g / h m2
Glass to Glass Adhesion Test	H Testing under 7kg/F >10mins at 0.3 MPa		

✓ 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.
 October 2024 - This Data Sheet supersedes those previously issued.