Bond for Life.®

Technical Data Sheet

SiegelGlaze S350



High Performance Neutral Silicone

Product Description

SiegelGlaze S350+ is a high performance two-component secondary sealant for insulated glass units requiring higher long term UV and structural performance. Formulated from a high purity silicone monomer base, this sealant possesses excellent adhesion to glass, aluminium and stainless-steel materials and provides exceptional argon retention properties.

Product Advantages

- SiegelGlaze S350+ has excellent adhesion onto all standard IG materials.
- SiegelGlaze S350+ is compatible with all glass types and coatings.
- SiegelGlaze S350+ has exceptional resistance to vapor and argon permeability.
- SiegelGlaze S350+ is rheologically optimised for consistent application on all spacer widths.
- SiegelGlaze S350+ is suitable for all IGU line types and line speeds.
- SiegelGlaze S350+ 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 80-120 minutes at 23°Celcius and RH 50%. Reducing application temperature will in 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 40-60 minutes based on an ambient environment of 23°Celcius and RH 50%. Reducing application temperature will in increase pot life. Increasing application temperature will decrease pot life.

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Technical Information

Sealant Type	Two Component Silicone
Colour	Comp. A Light Grey Comp. B Black
Density	Comp. A 1.56 – 1.60 kg / L Comp. B 1.01 – 1.05 kg / L
Mix Ration	A:B by volume 10:1.00
Cold Cure Time	23°Celcius at RH 50%. 30 – 60 mins
Elongation at Break	ISO 11600 100%
Hardness	ISO 868 Shore A >30 at 24 hrs.
Packaging	Comp. A 191 L Comp. B 19 L
VOC	< 1g per Litre
MVTR (Moisture Vapor Transmission Rate)	EN1279-4 part 5.2 and 5.3 7.0 gr / 24h / m2
Argon Penetration Rate	EN1279-4 part 5.2 and 5.3 0.80 g / h m2
Tensile Strength	ISO 11600 0.5 N/mm2

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.