



High Performance Neutral Silicone

Product Description

SiegelGlaze B75+ is a high-performance butyl hot melt sealant for sealing insulated glass units. Being free from fillers and extenders, this formula is engineered to provide superior bonding and market leading IGU transmission performance.

Product Advantages

- SiegelGlaze B75+ has exceptional rheological properties for all lines and applicator types.
- SiegelGlaze B75+ has rapid working time, reducing cooling time and line speeds.
- SiegelGlaze B75+ is approved for use with low E coating systems.
- SiegelGlaze B75+ has exceptionally low moisture and argon permeation rates.
- SiegelGlaze B75+ has excellent thermal conductivity rates.
- SiegelGlaze B75+ has permanent superior adhesion to spacer bars and glass.

Application

SiegelSeal B75 can be used through all known types of hot melt sealant application machines.

Any coatings must be edge deleted before the manufacture of IG units to allow full contact of the sealant to a clean glass surface. It should not be used in non-edge deleted applications unless approved by the glass supplier. The workplace should be kept clean to avoid contamination of glass or spacers during assembly, and the ambient temperature of the glass and spacers is best kept above +15°C for optimum results. Contact between SiegelSeal B75 hot melt butyl edge seal and any solvent or oil containing glazing compound should be avoided.

Technical Information

Sealant Type

Neutral Oxime Cure Silicone

Colour

Black

Density

ASTM D792
1.18g/ml

MVTR

(Moisture Vapor Transmission Rate)

(gH₂O)/m² x 24h x 2mm
0.04 ±0.01

Argon Permeability Rate

2 ±0.5 x 10⁻³ x g / (m² x h)

Thermal Conductivity

ASTM C518
0.22 W / mK

RT Overlap Shear Strength

ASTM D-1002
3 bar

Melting Point

110°C

Application Temperature

180°C to +200°C

Organic Solvent %

0%

Packaging

6.5kg block / 210kg drum

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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