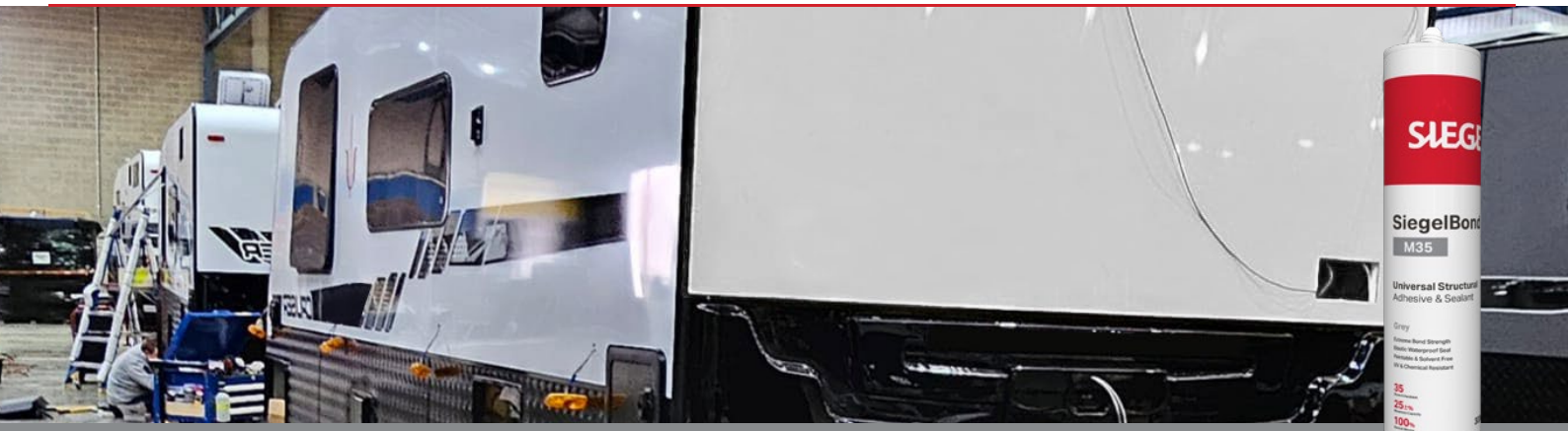
Bond for Life.®

Technical Data Sheet

SiegelBond M35



Universal Structural Adhesive & Sealant

Product Description

SiegelBond M35 is a universal adhesive and sealant for lifetime structural and elastic performance in a wide range of industrial, automotive, trade and professional applications. This formula is engineered for extreme bond strength and dynamic flexibility for demmanding bonding and sealing applications where lifetime performance is required.

Product Advantages

- SiegelBond M35 has extreme primerless adhesion onto most materials and substrates.
- SiegelBond M35 has exceptional tensile and tear strength for lifetime bonding performance.
- SiegelBond M35 has excellent dynamic flexibility and will not harden and crack with time.
- SiegelBond M35 is non-corrosive and possesses maximum UV and weathering resistance.
- SiegelBond M35 is a non-shrinking and non-slumping formulation.
- SiegelBond M35 has a rapid strength build up and is fast curing.
- SiegelBond M35 is paintable with waterbased paints.
- SiegelBond M35 is low VOC compliant and solvent free meeting Green Star requirements

Application

SiegelBond M35 is a high strength structural adhesive and sealant for a wide range of demanding bonding and sealing applications in industrial, automotive and construction applications for lifetime dynamic bond strength.

Instructions: Remove a sausage of SiegelBond M35 from the carton and place in the sausage gun. Holding the sausage gun upright, use side cutter or a knife to cute the metal crimp off one end of the sausage. Cut a nozzle down to the desired nozzle diameter and place in the nozzle clasp and screw on the end of the gun. Ensure the surface is correctly prepared or primed. Pump the silicone as required. SiegelBond M35 must be tooled with light pressure within 5 minutes post-application to spread the material against the joint surface for a professional finish. For but joints, SiegelBond M35 should be applied to a joint of at least 5x5mm, and bigger joints have a width to depth ratio of about 2:1. SiegelBond M35 in its uncured state can be cleaned with solvent. When cured it is very difficult to remove.

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Consumption Estimate

Joint Width	6mm	10mm	20mm
Joint Depth	6mm	10mm	10mm
Distance per 300ml	7.58 metres	2.73 metres	1.36 metres

Technical Information

Sealant Type	Silane Modified Polymer	Colour	Grey, Black, White
Density	ASTM D792 1.40g/ml	Sheen	Full Sheen
Shore Hardness A	ASTM C661 35	Tensile Strength	ASTM D412 2.20 N/mm2
Tear Strength	ASTM D412 12 N/mm2	Application Temperature	+5°c to +50°c
Temperature Resistance	-40°c to +110°c	Low Voc Compliance	GBCA Greenstar Compliant Yes
VOC Content	ASTM D3960-05 18 grams / litre	Curing Speed	3mm / 24 hours (23°c and 50% R.H)
Movement Capacity	ASTM C719 25% ±	Elongation at Break	ASTM D412 600%
Sagging	ISO 7390 0mm	Skin Formation	5-10 min (23°c and 50% R.H)
Tack Free Time	30-45 minutes	Effect of Heat Aging	ASTM C920 (8.10) 0.5% Weight loss Cracking - None Chalking - None
Effect of Accelerated Weathering	ASTM C920 (8.11) UV exposure – no cracking Cold temp. – no cracking	Staining or Colour Change	ASTM C920 (8.8) None

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Surface Preparation

Glass	**Brush and remove dust**
Aluminum, light alloys, stainless steel	**Brush and remove dust**
Other metals	**Brush and remove dust**
Wood	**Brush and remove dust**
Plastics	**Brush and remove dust**
Concrete and othe alkaline surfaces	**Brush and remove dust**
Mirrors	**Clean mirror back as recommended by mirror supplier.** **Ensure a primary fixing – e.g. double sided tape – is used in conjunction with the adhesive.**

Restrictions

- Must not be used in totally confined spaces where the sealant cannot cure due to lack of atmospheric moisture.
- Should not be used in conjunction with bitumen asphalt, neoprene and organic elastomers.
- Should not be painted over.
- Should not be used in application that will be submerged in chlorine water.
- Can yellow if exposed to bleach or HCL based brick cleaners while curing.
- Migration and staining can occur when used in direct contact with some natural marble and stones.

Storage and Shelf Life

- SiegelBond M35 has a shelf life of 12 months if stored unopened in the original packaging at temperatures between +5°c and +30°c.

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.