Technical Data Sheet

Rev 4: January 2023

SiegelBond M35

Universal 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.*

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.*

Technical Information

Sealant Type	Silane Modified Polymer	
Colour	White, Grey, Black	
Density	1.40g/ml	ASTM D792
Shore Hardness A	35	ASTM C661
Tensile Strength	2.20 N/mm2	ASTM D412
Tear Strength	12 N/mm2	ASTM D412
Elongation at Break	600%	ASTM D412
Movement Capacity	100%	ASTM C920 (8.2.2)
Skin Formation	10 min (23°c and 50% R.H)	
Tack Free Time	60 - 90 minutes	
Curing Speed	3mm / 24 hours	
Application Temperature	+5°c to +50°c	
Temperature Resistance	-40°c to +110°c	
Sagging	0mm	ISO 7390
Effect of Heat Aging	0.5% Weight loss Cracking - None Chalking - None	ASTM C920 (8.10)
Effect of Accelerated Weathering	UV exposure – no cracking Cold temp. – no cracking	ASTM C920 (8.11)
Staining or Colour Change	None	ASTM C920 (8.8)

Application

Substrates must be clean and free of dust and grease. Cut tip off cartridge and cut the nozzle off at the desired bead width. Fit the nozzle to cartridge and place in caulking gun. Pump the adhesive in beads or layers on the substrate. Press the substrates together within the open time and secure mechanically until fully cured. Clean up Sealant with mineral turpentine within skin time. Cured material can be removed mechanically.

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 other 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.*
- *May resist being painted over with oil based paints.*
- *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.*

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 1300 729 863.
May 2020 - This Data Sheet supersedes those previously issued.

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