

Super Seal

Silicone Sealant

Anti-fungus



Description

Super Seal is a one-part silicone sealant, which cures with atmospheric moisture to form an elastic rubber like seal for specialized glazing applications. Weathering and UV-resistance are excellent, important in glazing applications where most organic sealants fail. Super Seal is unaffected by high or low temperatures and its good physical properties are designed to give outstanding durability and performance.

Key Performance Properties

Super Seal has good adhesion to non-porous substrates like glass, ceramics, some metals and coated surfaces. Some surfaces require the use of primer.

Product Characteristics		
Property	Unit	Value
Cure system		Acetoxxy
Standards colors		Different colors
Application temperature	°C	+5 to + 40
	°F	+41 to +104
Specific gravity	g/ml	0.96 - 0.97
Extrusion	g/minutes	800
Penetration	mm/30s	270
Skin-over time (23°C or 73 4°F, 50% R H)	minutes	15
Cure rate (23°C or 73.4°F, 50% R.H.)		
1 day	mm	2
2mm thickness S2 dumbbells (ASTM D412)		
- E-Modulus 100%	MPa	0.4
- Tensile strength	MPa	2.0
- Elongation at break	%	570
Hardness (Shore A)		17

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SUPER SEAL

- Cures Fast
- Excellent Adhesion
- Use for Sealing & Assembly
- Easy to apply for all condition
- Available in Translucent & Colours
- Excellent Adhesion for Car windshield



Typical applications

- Standard and butt glazing.
- General sealing and assembling

Packaging and storage

Super Seal is available in 280ml plastic cartridges. Shelf life is 18 months from date of manufacture when packaged in cartridges and stored in below (below 25oC), in a dry place (see use before date on cartridge).

Application instructions

Surfaces must be clean, dry, sound, and free from oil, grease, dust, rust and other loose matter. Detergent or soap and water treatments are not recommended. Surfaces should be cleaned with alcohol, M.E.K or other suitable solvent. The solvent used should be checked for compatibility with adjacent materials that it will contact. Cut the nozzle at an angle and apply the sealant with a hand or air operated cartridge gun. Tool using a round edged spatula to spread the sealant against all surfaces.

For full details of substrate compatibility, adhesion and primer recommendations, consult your authorized Al-Bahar Distributor of Al-Bahar Technical Services Department directly.

Colours

Available in translucent and colours. For details on available colours, please refer to the Al-Bahar Industries Company.

Caution

Material Safety Data Sheets are available upon request from AL-Bahar Industries Company. Uncured product may irritate eyes, respiratory system and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical attention. Avoid oral contact. Use only in well ventilated places. Keep out of reach of children.

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CERTIFIED MANAGEMENT SYSTEM



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