

Technical Data Sheet



OCI GLASS & ALUMINIUM SEALANT

Physical Data :

Property	Value
Curing System :	Oxidizing
Appearance :	Non sag paste
Odour :	Oleo - resinous
Specific Gravity :	1.20 +/- 0.3
Max Joint Movement :	+/- 3%
Shrinkage :	5%
Tack Free Time :	24 hours
Application Temperature :	4 °C to 50 °C
Service Temperature :	-5 °C to 60 °C

Typical property data values should not used as specifications.

Characteristics :

- OCI Glass & Aluminium sealant is one part low shrinkage and no sagging sealant for interior and exterior application. The sealant offers excellent gunnability, outstanding durability, excellent adhesion, weather proof and flexible (+/- 3%) for sealing application.

Application :

OCI E-104 sealants are suitable for use in :

- sealing
- bonding
- Repairing & Mending of glass
- Window construction double glazing
- Aquarium
- Shower Screen
- Sanitary
- Air Conditioning
- Ventilator
- Bedding of marine hardwares

OCI E-104 silicone sealants exhibits an excellent adhesion to :

- glass
- tiles
- ceramics
- aluminium
- fiberglass
- non-oily woods
- painted surfaces
- Plastic ; eg. Epoxies, polyester, polyacrylate and other non porous surfaces

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OCI GLASS & ALUMINIUM SEALANT

Product Code & Colour :

Product Code	Colour
OCI Glass & Aluminium	Transparent

Limitation :

OCI Glass & Aluminium sealant is not suitable for apply on alkaline substrates, as the product separates acetic acid during vulcanisation. Do not use silicone rubber on polyacrylates (extruded types) if the plastics are under tension, as the sealant may cause stress cracking. Do not apply on marble or quartzite; risk of discoloration of stone near the joint. Do not use the sealants in joints between non-absorbent siliceous material, e.g tiles, ceramics when sealants are exposed to outdoor weathering because of dirt pick up in the neighborhood of the joint. Danger of discoloration of silicone rubber 'transparent' in contact with some organic elastomer. Do not use acetic-acid curing silicone rubber with fungicide for the construction of aquariums.

Surface Preparation :

Ensure all surface that will be in contact with the sealant must be clean, dry, free of dust, dirt, rust, oil and other contaminants. Non porous substrates should be clean with solvent and wipe dry immediately with cloth before the solvent evaporates from the surface. Porous surface should be roughen with a stiff-bristled brush, rubbed down or sandblasted.

Packaging, Storage & Shelf life :

- is available in 300 ml per cartridge.
- When stored in the original unopened container at temperature less than 27 °C.
- a shelf life of 12 months from date of shipment.

Safety Precaution :

- Ensure good ventilation when used indoors and wear appropriate safety gears.
- Uncured sealant may cause skin, eye and respiratory irritation.
- Prolonged contact with eyes, flush with water for 15 minutes and consult physician.
- Keep out of reach of children.
- Additional information is contained in our material safety data sheets available on request.

Other Information :

Every endeavor has been made to ensure that the information given herein is true and reliable but it is given only for the guidance of our customers. The company cannot accept any responsibility for loss or damage that may result from the use of the information, due to the possibility of variation of processing or working conditions and of workmanship outside our control. User are advised to confirm suitability of this product by their own tests.