



TECHNICAL DATA SHEET

MIGHTY SEAL ACETOXY

GENERAL PURPOSE

PRODUCT DESCRIPTION

Mighty Seal Acetoxy-General Purpose is a one part, moisture curing silicone sealant suitable for use as a general purpose sealant or adhesive. It has an excellent resistance to UV, a broad working temperature range and outstanding weatherability.

Mighty Seal Acetoxy-General Purpose is a paste like one component material and can be used in both vertical and horizontal applications. It has excellent adhesion to most common building materials including glass, aluminium, ceramics, steel, powder coated surfaces, timber as well as painted and many plastic surfaces and cures to a tough rubbery like durable elastomeric sealant after exposure to moisture in the air

PRODUCT FEATURES

- Ease of use, one part sealant
- Excellent resistance to UV, moisture, ozone or temperature extremes.
- Suitable for use on Ceramic Tile area in bathrooms and kitchens.
- Has anti fungal properties
- Can be used for general glazing work.
- Suitable for both exterior and interior usage
- Long term Weatherability
- Forms waterproof seal

LIMITATIONS

- Not suitable as a structural glazing sealant.
- Not suitable on surfaces intended to be painted or stained. Complete all painting or staining before application of Mighty Seal Acetoxy-General Purpose.

TECHNICAL DATA

Table 1: Physical Properties (Typical Data)

UNCURED	
Parameters	Results
1. Color	Clear
2. Sag(mm)	nil
3. Skin overtime (min)	5
4. In depth cure @25°C mm (day)	3
5. Specific Gravity	0.99

CURED after 7days @25°C and 50% R.H.	
Parameters	Results
1. Hardness, Shore A	22
2. Tensile Strength (Mpa)	1.6
3. Elongation (%)	>400%
4. Modulus @100% (Mpa)	0.4
5. Movement Capability (%)	+/-25%
6. Working Temperature Range (°C)	-45 - 250

INSTRUCTIONS FOR USE:

SURFACE PREPARATION:

Thoroughly clean and dry surface from oil, dirt and grease.

METHOD:

1. Cut nozzle to desired size.
2. Insert cartridge into caulking gun.
3. Push sealant ahead for uniform bead. Tool with 5 minutes.
4. Clean of excess sealant with solvent.

Note 1: The cure progresses inward from the surface. The sealant forms a tack skin free at a minimum of 8 minutes at room temperature. Tooling is not practical after this skin begins forming and should be completed in 5-7 minutes from application, even though this may require alternate periods of applying and tooling.

Note 2: Curing time is affected by:

- **Temperature and relative humidity-** Higher temperatures and lower humidity achieves faster curing.
- **Degree of confinement-** Faster curing time with lower degree of confinement
- **Cross-sectional thickness of the sealant-** Curing time increases with the thickness of the sealant. A 1/8" section may cure in 24 hours but a 1/2" section may cure in 3-4 days.

⚠ CAUTION

Direct contact of uncured sealant irritates eyes and may irritate skin. Over exposure to vapour may irritate eyes, nose and throat. Avoid eye and skin contact. Use with adequate ventilation. Do not handle contact lenses with sealant on hands.



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IN CASE OF EYE CONTACT:

Flush eyes with water for 15 minutes. Then seek medical attention.

IN CASE OF SKIN CONTACT:

Remove from skin and flush with water

KEEP OUT OF REACH OF CHILDREN.