

Mighty Seal Acetoxy

Flexible Waterproof Silicone

Product Description

Pioneer Pro Mighty Seal Acetoxy 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.



Key Features

- Ease of use, one part sealant
- Excellent resistance to UV, moisture, ozone or temperature extremes
- Long term Weatherability
- Forms waterproof seal

Applications

- Suitable for use on ceramic tile area in bathrooms and kitchens
- Can be used for general glazing work
- Suitable for both exterior and interior usage

Product Specifications / Typical Properties / Physical Characteristics

Table 1. Physical Properties, Uncured State

Parameters	Results
1. Color	Clear
2. Sag(mm)	Nil
3. Tack Free Time	8-20 minutes
Specific Gravity	0.9-1.04
Extrusion Rate	335 g/min
Cure Thru Time	24 hours

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.

Table 2. Physical Properties, Cured State

Parameters	Results
Hardness, Shore A	Minimum 20
Tensile Strength	1.4 MPa
Elongation	400%
Modulus @ 100%, MPa	0.4
Movement Capability	±25%

Application Procedure

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.

Application Equipment

Caulking gun

Packaging

300 mL cartridge

Storage

Store in a cool dry area and away from direct sunlight. Keep containers securely sealed. Store away from food and incompatible materials. The storage stability will at least 12 months from date of manufacture.

Shelf Life

12 months

Health and Safety Precautions

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.

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.

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