	<b>BOSSIL TECHNOLOGY SDN. BHD.</b>	Issued date : 31/03/08
	Technical Data Sheet	Rev. No. : 4
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## Product Specifications:

### Physical Properties

<b>Curing system:</b>	Acetoxy
<b>Appearance:</b>	Paste
<b>Color:</b>	Translucent, White, Gray, Black
<b>Odor:</b>	Vinegar-like
<b>Specific Gravity:</b>	0.95
<b>Tack-Free Time:</b>	8 - 25 minutes
<b>VOC Content:</b>	<4% w/w
<b>Application Temperature:</b>	-20 °C to 50 °C
<b>Service Temperature:</b>	-40 °C to 150 °C
<b>Shelf life:</b>	12 months



## Product Description:

A one component, versatile, acetic cure silicone sealant formulated for general purpose glazing and sealing applications where long term reliability is required. It will bond to form a durable, flexible, waterproof seal on many common wet area building materials. It is suitable for both indoor and outdoor applications.

## Applications:

Well-suited for general sealing applications such as sheet metal, skylights, ventilators, air-conditioning systems, metal / plastic signs, glass block structures and as a bedding for marine hardware.

## Directions:

1. Surfaces must be clean, dry and free of dirt, grease, oil or water.
2. Surfaces should be cleaned with alcohol, M.E.K. or other suitable solvent. Soap or detergent and water treatments are not recommended.
3. For a neat finish, apply masking tape and remove it before sealant has skinned over.
4. Cut nozzle at 45° angle to desire bead-width and apply to substrate with cartridge gun.
5. Tooling time is 5 minutes, tack free time is 15 minutes.
6. Uncured sealant can be cleaned up with mineral spirits.
7. Use approved backing material for joints over 10mm deep.

## Limitations:

BS-2000 All Purpose Sealant is an acetic acid curing silicone and is not suitable where the acetic acid component will corrode the base material.

Not for: Traffic areas or areas subject to abrasion.

Not for: Structural glazing.

Not for: On marble, quartzite or natural stones.


## Joint Design:

The specified sealant bead size should be calculated to comply with the compression and extension capabilities of the sealant in relation to the anticipated joint width due to expansion and contraction.

Generally calculation of the width of BS-2000 All Purpose Sealant bead should be computed on the basis of a maximum  $\pm 20\%$  compression and extension capability; minimum bead size should not be less than 3mm to accommodate movement. Design joint depth of which ratio width becomes 0.5 to 1.

Suitable Joint (Depth vs. Width):

6mm x 6mm

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8mm x 12mm  
10mm x 20mm

- \* Joint size minimum 6mm x 6mm.
- \* Joint size maximum 30mm.

### Caution:

- This product emits acetic acid whilst curing. Avoid contact with eyes, skin and mouth.
- In case of contact with eyes, flush with water immediately for 15 minutes. If irritation persists, seek medical attention.
- Keep out of reach of children. Use in well ventilated areas.

### Storage:

- Store in a dry and cool place with temperature below +30°C.
- Use within 12 months from date of production.

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