	BOSSIL TECHNOLOGY SDN. BHD.	Issued date : 31/03/08
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Product Specifications:

Physical Properties

Curing system:	Oxime
Appearance:	Paste
Odor:	Slight unique odor
Specific Gravity:	0.985
Tack-Free Time:	15 - 30 min
Application Temperature:	-20 °C to 50 °C
Service Temperature:	-50 to 150 °C
Shelf life:	12 months

Cured Properties

Appearance:	Elastic rubber
Tensile at break:	≥0.8 MPa
Elongation at break:	≥250%



Product Description:

A one component, mildew resistance, 100% neutral cure silicone sealant formulated for applications in areas where high humidity and temperature may be encountered. It will bond to form a durable, flexible, waterproof seal on many common wet area building materials.

Applications:

Good adhesion on most ceramics, glass and plastics. Widely use for grouting ceramic tiles, bedding tile accessories and sealing shower heads, tubs, rimless, sinks, kitchen and bathroom fixtures.

Directions:

- Surfaces must be clean, dry and free of dirt, grease, oil or water.
- Surfaces should be cleaned with alcohol, M.E.K. or other suitable solvent. Soap or detergent and water treatments are not recommended.
- For a neat finish, apply masking tape and remove it before sealant has skinned over.
- Cut nozzle at 45° angle to desire bead-width and apply to substrate with cartridge gun.
- Tooling time is 10 minutes, tack free time is 20 minutes.
- Uncured sealant can be cleaned up with mineral spirits.
- Use approved backing material for joints over 10mm deep.

Limitations:


Not for: Use in areas of constant water immersion.
 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-2520 Sanitary Sealant bead should be computed on the basis of a maximum ± 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):

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6mm x 6mm
8mm x 12mm
10mm x 20mm

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

Caution:

- 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

Every endeavour 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 will not accept any responsibility for the loss or damage that may result from the use of the information, due to the possibility of various of processing or working conditions and of workmanship outside our control. Users are advised to confirm suitability of this product by their own tests.

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