

# Technical Data Sheet

## BS-2600 / BS-2600S Seal-A-Gap



### Features

- ◆ ±12.5 % movement
- ◆ Low VOC compliance
- ◆ Paintable
- ◆ Versatile & Permanently flexible
- ◆ Easy clean up with water

### Specifications/Compliances

- ◆ ASTM C920 (Class 12.5)
- ◆ Low VOC
  - USEPA Method 24 (SCAQMD rule 1168)
  - USEPA Method 310

### Available Colour

- ◆ White

### Packaging

- ◆ 450 gm (cartridge)~24/carton
- ◆ 960 gm (sausage)~20/carton

### Storage

- ◆ Store in a dry and cool place with temperature below 30 °C.
- ◆ Use within 24 months from date of production.

### Product Specification

|                                      |                         |
|--------------------------------------|-------------------------|
| Base                                 | : Acrylic Latex         |
| Appearance                           | : Soft Paste            |
| Curing System                        | : Water Evaporation     |
| Specific Gravity                     | : 1.61 gm/ml            |
| Solid Content                        | : 82%                   |
| Maximum Tensile Strength (ASTM D412) | : 1.2 N/mm <sup>2</sup> |
| Elongation at Break (ASTM D412)      | : 190%                  |
| Movement capability (ASTM C719)      | : ±12.5 %               |
| Shore A Hardness (ASTM C661)         | : 20                    |
| VOC Content (USEPA Method 24)        | : 36.97 gm/L            |
| VOC Content (USEPA Method 310)       | : <0.01                 |
| Working Time (at 25 °C & 50% R.H.)   | : <15 Minutes           |
| Skin-Form Time                       | : 15 Minutes            |
| Application Temperature              | : 5°C to 50°C           |
| Service Temperature                  | : -10°C to 75°C         |

### Description

A one-component, paintable and flexible acrylic sealant formulated for sealing gaps and joints where slight movements or vibration, if occurred, could cause conventional, non-elastic fillers and putties to crack and fall off. It is economical, environmentally friendly, and its adhesion to most porous substrates is good even without primer. It can be cleaned up with water.

### Applications

- ◆ General sealing applications: door and window joints, cabinet and wardrobe installation, skirting of wood flooring, etc.
- ◆ Suitable for various substrates: metal, PVC, wood, concrete, gypsum boards, reinforced cement boards, marble, etc.

### Application Direction

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. Do not use soap or detergent.
3. For a neat finish, apply masking tape and remove it before sealant skins over.
4. Cut nozzle at 45° angle to desired bead-width and apply to substrate with cartridge gun.
5. Tool the sealant within 15 minutes of extrusion before it skins.
6. Allow to dry for one hour before applying water-based paint and 24 hours for oil-based paint.
7. Uncured sealant can be cleaned up with damp cloth.

### Clean Up

- ◆ Wet sealants can be cleaned up with water.
- ◆ Cured sealants can only be removed mechanically.



## **BS-2600 Seal-A-Gap**

### **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.
- ♦ Minimum bead size should not be less than 3 mm to accommodate movement.
- ♦ Sealant design joint width-to-depth ratio should be 2:1.

### **Limitation**

Not recommended for following applications:

- ♦ Below waterline or permanent water immersion.
- ♦ Traffic areas subject to abrasion.
- ♦ Joint movement of more than 12.5%.
- ♦ Outdoors if it is expected to rain within two hours of sealant application.

### **Caution**

Contains a mixture of CMIT/MIT. May produce an allergic reaction. Keep out of reach of children. Safety data sheet available on request. For further health and safety information, consult the latest safety data sheet.

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