

# Technical Data Sheet

## BS-2640 Rainbow Fill



### Features

- ◆ Water Based / Easy Clean Up
- ◆ Dries True to Wet Color
- ◆ Flexible / Paintable Gap Sealant

### Available Colors

- ◆ White
- ◆ Grey
- ◆ Black
- ◆ Brown
- ◆ Light Brown
- ◆ Dark Brown
- ◆ Teak
- ◆ Beige
- ◆ Cherry
- ◆ Merbau
- ◆ Terracotta
- ◆ Coffee

### Packaging

- ◆ 450gm (cartridge)~24/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	: Water-based acrylic
Appearance	: Soft paste
Curing System	: Water Evaporation
Density	: 1.61 gm/ml
Solids Content	: 80 – 82%
Maximum Tensile Strength (ASTM D412)	: 1.2 N/mm <sup>2</sup>
Elongation at Break (ASTM D412)	: 190 %
Shore A Hardness (ASTM C661)	: 37
Working Time (at 25 °C & 50% R.H.)	: <10 minutes
Application Temperature	: 5°C to 50°C
Service Temperature	: -10°C to 75°C

### Description

A one-component, paintable and flexible, premium quality acrylic sealant formulated for sealing of gaps and joints where slight movement or vibration causes conventional, non-elastic fillers and putties to crack and fall out. It had good adhesion to most porous surfaces without primer and is economy yet environmental friendly that can be cleaned up with water. It uses the clear cartridge to enable the user to choose the color that matches their building materials.

### Applications

With the vast color selection, one can match the color of the bonding / sealing to the color of the wood/ timber, concrete, marble, glass, plastic etc. It is also use for joint around the door and windows.

### Application Direction

1. Surfaces must be clean, dry and free of dirt, grease, oil or water.
2. Cut nozzle at 45° angle to desired bead-width and apply to substrate with cartridge gun.
3. Apply the sealant in a continuous bead using enough pressure to properly fill the joint.
4. Tooling time is 20 minutes, tack-free time is 30 minutes. Allow to skin for 1 hour before applying water-based paint and 24 hours for oil-based paints.
5. Uncured sealant can be cleaned up with damp cloth.

### Joint Design

- ◆ It should not be applied outdoors if it is likely to be rained upon within 2 hours of application.
- ◆ Not For: Use in areas of constant water immersion.
- ◆ Not For: Joint movement more than 10%.



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## 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.

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