

Technical Data Sheet

BS-2640 Rainbow Fill



Features

- ♦ Various Colors Available
- ♦ Dries True to Wet Color
- ♦ Permanently Flexible

Available Colors

- ♦ White
- ♦ Grey
- ♦ Black
- ♦ Brown
- ♦ Light Brown
- ♦ Dark Brown
- ♦ Teak
- ♦ Beige
- ♦ Cherry
- ♦ Merbau
- ♦ Terracotta
- ♦ Coffee
- ♦ Barley
- ♦ Greenish grey

Packaging

- ♦ 450 g (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
Odor	: Mild Acrylic Odor
Density	: 1.60 – 1.65 g/mL
Tensile Strength (ASTM D412)	: >0.5 N/mm ²
Elongation at Break (ASTM D412)	: >100%
Working Time	: <10 Minutes
Shore A Hardness (ASTM C661)	: 30 – 35
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 a wide variety of colors, one can match the color of various construction materials. 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.).

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. 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 5 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 acetone or mineral spirits.
- ♦ Cured sealants can only be removed mechanically.



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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 sealant bead should be computed on the basis of a maximum $\pm 25\%$ movement capability
- ♦ Minimum bead size should not be less than 6 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 10%.
- ♦ Outdoors if it is expected to rain within two hours of sealant application.

Caution

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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