

Technical Data Sheet

BS-8628 Instant Grab Adhesive



Features

- ◆ Instant Grab (No Support Required)
- ◆ High Strength Bonding
- ◆ Primerless Bonding to Most Substrates

Available Color

- ◆ White

Packaging

- ◆ 290 ml (cartridge)~20/carton

Storage

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

Product Specification

Appearance	: Soft Paste
Curing System	: Moisture Curing
Specific Gravity	: Approx. 1.59 g/mL
Tack-Free Time	: 2 – 5 minutes
Cure Depth	: 2 – 3 mm / 24 hours (at 25 °C & 50% R.H.)
Shore A Hardness (ASTM C661)	: 45 – 55
Tensile Strength (ASTM D412)	: ≥ 1.50 N/mm ²
Elongation at Break (ASTM D412)	: $\geq 100\%$
Adhesion Strength	: 0.18 MPa or 1.8 kg/cm ² (After 10 minutes) : 1.71 MPa or 17.5 kg/cm ² (After 24 hours)
Application Temperature	: 5 °C to 40 °C
Service Temperature	: -20 °C to 90 °C

Description

A one-component, instant-grab adhesive based on advanced MS Polymer technology. The instant-grab feature eliminates the need of bracing, nailing, screwing and other fastening devices. It is solvent, silicone, and isocyanate free and non-staining for porous substrate applications. It is excellent in UV, weather and temperature resistance. Adhesion is great over a wide variety of substrates and is paintable with common industrial paints.

Applications

Ideal for direct bonding of various heavy construction materials. It may be used, without primer, to bond bathroom accessories, panel, skirting board, windowsills, stripes, thresholds, mirrors and isolating materials. It is also widely used in coach work and metal connecting joint in shipbuilding industry.

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. Cut the tip off and puncture the internal foil seal with the nozzle. Cut the nozzle at 45° angle to desired bead-width and apply the adhesive to substrate with a cartridge gun.
4. Due to the viscous property of the adhesive, we recommend the use of professional caulking gun with reinforced transmission.
5. Bond substrates within 3 minutes, before the adhesive skins.
6. Uncured adhesive can be cleaned up with mineral spirits.



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Clean Up

- ♦ Wet sealants can be cleaned up with acetone or mineral spirits.
- ♦ Cured sealants can only be removed mechanically.

Limitations

Not recommended for following applications:

- ♦ Below waterline or permanent water immersion.
- ♦ Polyethylene, polypropylene, polytetrafluoroethylene (Teflon), neoprene, and bituminous surfaces.
- ♦ Not paintable with alkyd resin paint.

Caution

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

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