

Technical Data Sheet

BS-8622 Hybrid Clear Sealant



Features

- ◆ Crystal Clear
- ◆ Bonds Various Materials
- ◆ Primerless Bonding to Most Surfaces

Available Color

- ◆ Clear

Packaging

- ◆ 290 ml (cartridge)~20/carton

Storage

- ◆ Store in a dry and cool place with temperature below 30 °C
- ◆ From the date of production, 9 months in HDPE cartridge

Product Specification

Appearance	: Clear Paste
Curing System	: Moisture Curing
Density	: Approx. 1.04 g/mL
Tack-free Time	: 10 – 20 minutes
Tensile at Break (ASTM D412)	: ≥ 1.2 N/mm ²
Elongation at Break (ASTM D412)	: >150 %
Lap Shear Strength (ASTM D1002)	: >1.5 N/mm ² (Al to Al)
Shore A Hardness (ASTM C661)	: 30 – 40
Cure Depth	: 2 – mm / 24 hours
Application Temperature	: 5 °C to 40 °C
Service Temperature	: -20 °C to 90 °C

Description

A new generation MS Polymer adhesive/sealant formulated for all bonding and sealing applications where long term reliability is required. It has excellent bonding strength on various materials. It will cure to form a durable, flexible, waterproof seal.

Applications

Bonding and sealing of various materials: plastics (nylon, PVC, ABS, etc.), metal (stainless steel, aluminium, copper, etc.), rubber (natural rubber, synthetic rubber, EPDM, etc.), natural materials (wood, leather, etc.), and inorganics (concrete, natural stone, tiles, glass, 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 finishing, apply masking tape and remove it before sealant skins over.
4. 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 sealant to substrate with a cartridge gun.
5. Tool the sealant within 10 minutes of extrusion before it skins. Tack-free in 20 minutes.
6. Uncured sealant can be cleaned up with mineral spirits.
7. Use approved backing material for joints over 10 mm deep.

Clean Up

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



BS-8622

Hybrid Clear Sealant

Limitation

Not recommended for following applications:

- ◆ Chlorinated water such as swimming pools, spas, etc.
- ◆ Constant immersion in salt water.
- ◆ Glazing applications

Caution

Causes serious eye irritation. Wash hands thoroughly after handling. Wear eye protection. IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists: Get medical advice/attention. 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.

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