

Technical Data Sheet

AS-1000 Gaps Sealer



Physical Properties

Base:

Water-based acrylic

Appearance:

Soft paste

Colour:

White

Tack-free time:

<10 minutes (at 25 °C & 50% R.H)

Application temperature:

5 °C to 50 °C

Service temperature:

-10 °C to 75 °C

Storage:

Store in a dry and cool place with temperature below 30 °C.

Shelf Life:

12 months

Packaging:

Content	Quantity/ carton
450 g cartridge	24

Description

ALSEAL Gaps Sealer is an economical, environmentally friendly acrylic sealant for general purpose caulking and sealing applications. It is paintable and has good adhesion to most porous surfaces. It is formulated with good body thus able to withstand pressure during the installation. It is suitable for sealing gaps and joints where slight movements or vibration, if occurred, could causes conventional, non-elastic fillers and putties to crack and fall off. It can be applied smoothly and easily and 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.).

Features

- ◆ Paintable
- ◆ Economical
- ◆ Permanently flexible

Technical Data

Base	: Acrylic latex
Curing system	: Water evaporation
Specific gravity	: Approx. 1.60
Tensile strength (ASTM D412)	: >0.5 N/mm ²
Elongation at break (ASTM D412)	: >200 %
Shore A hardness (ASTM C661)	: 30 – 35

Usage Instructions

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. Tack-free in 15 minutes.
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.



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Clean Up

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

Joint Design

- ◆ Joint dimension should be designed by taking into consideration the movement capability of the sealant and the anticipated joint movement
- ◆ Generally the joint width-to-depth ratio is 2:1 for joint width ≥ 12 mm, or 1:1 for joint width < 12 mm
- ◆ Joint width: minimum = 6 mm, maximum = 35 mm *
- ◆ Joint depth: minimum = 6 mm, maximum = 12 mm

* Sealing joints with larger joint width is possible but sealant may sag in vertical applications.

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.

Disclaimer

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.