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Technical Data Sheet
AS-1120
Ultra Flex Gaps Sealer

Physical Properties

Base:
Water-based acrylic

Physical State:
Non-sagging paste

Colours:
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.
(Do not store below 5 °C)

Shelf Life:
24 months

Packaging:

Content	Quantity/ carton
450 g	24

Description

Ultra Flex Gap Sealer is a premium grade high elastic acrylic sealant for both external and internal sealing applications. It is formulated with enhance UV resistant property and can withstand up to 25% movement. It is paintable and formulated for sealing gaps and joints where high movements or vibrations are expected.

Features

- ±25% Movement capability
- Exterior & Interior sealant applications
- Low VOC compliant
- Paintable
- Permanently flexible & easy clean up

Applications

- It is ideal for external & internal sealing applications. It is good for sealing of building joints that are subject to movement (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.).

Technical Data

Curing system	: Water evaporation
Density	: 1.57 g/mL
Solid content	: 80 %
Slump test (ASTM D 2202)	: No slump
Stain index (ASTM D 2203)	: No stain
Maximum Tensile strength (ASTM D 412)	: 1.6 N/mm²
Elongation at break (ASTM D 412)	: 400%
Shore A hardness (ASTM D 2240)	: 28
VOC content (USEPA Method 24)	: 25.90 g/L

Approvals/ Specifications

AS- 1120 meets the requirements of the following specifications:

- ASTM C920, Type S, Grade NS, Class 25, Use NT, M
- Low VOC - USEPA Method 24 and SCAQMD Method 304-91 under SCAQMD Rule 1168

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AS-1120 Ultra Flex Gaps Sealer

Preparation

- Substrate surface must be dry and clean; free of dirt, grease, oil, or standing water.
- Use the two-cloth method to clean if surface is dirty.
- For a neat finishing, use masking tapes and remove it within the working time.
- For sealant designs with depths of over 10 mm, use approved backing materials.

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.

Clean Up

- Wet sealants can be cleaned up with water.
- Cured sealants can only be removed mechanically.

Limitation

Not recommended for following applications:

- Applied outdoors if it is likely to be rained upon within 2 hours of application.
- Use in areas of constant water immersion.

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.

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