

RAPID DRY GAP FILLER ACRYLIC



Description

Rapid Dry - Gap Filler Acrylic is a premium grade acrylic sealant formulated for fast paint over time (10 minutes). It is suitable for sealing applications where a fast paint over is required. It is paintable and formulated for sealing gaps and joints where movements or vibrations are expected.

Technical Data

PROPERTY	VALUE
Base:	Acrylic latex
Cure System:	Water evaporation
Skin-Form Time:	<10 minutes (at 25 °C & 50% R.H.)
Specific gravity:	1.62 g/mL
Solid content:	80%
Slump test:	No slump
Stain index:	No stain
Maximum Tensile strength:	1.2 N/mm ²
Elongation at Break:	190% ASTM D412
Shore A hardness:	21 ASTM C661
Low VOC compliance:	Yes SCAQMD Rule 1168
VOC content:	36.97 g/L USEPA Method 24

Key Performance Properties

- 10 minutes paint over time
- Low VOC compliant
- Paintable
- Permanently flexible & easy clean up

Applicable Tests / Standards

Rapid Dry meets the requirements of:

- Low VOC - USEPA Method 24 under SCAQMD Rule 1168

Application

It is ideal for sealing applications where a fast paint over time is required. It also good for 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.).

Preparation

- Substrate surface must be dry and clean; free of dirt, grease, oil, or standing water.
- For a neat finishing, use masking tape and remove it within the working time.
- For sealant designs with depth of over 10 mm, use approved backing materials.



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Application Direction

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 10 minutes of extrusion before it skins.
6. After tooling, wait at least 10 minutes before applying water-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.

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.
- Minimum bead size should not be less than 3 mm to accommodate movement.
- Sealant design joint width-to-depth ratio should be 2:1.

Packaging

450g Cartridge -
Available in cartons of 20
Product packed in Australia

Storage

Store in a dry and cool
place with temperature
below 30 °C
(Do not store below 5 °C)

Application Temperature

5 °C – 50 °C

Service Temperature

-10 °C – 75 °C

Limitations

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

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

Legal Notes

Simseal® has made every effort to ensure accurate information but cannot be held liable for any losses or damages arising from its use, due to uncontrollable variations in processing and workmanship. Users should verify the product's suitability through their own testing.



WHITE