

PRODUCT DATA SHEET

PRi CRACK FILLER



Economical, flexible, cotable, water based acrylic general purpose PRi crack filler

PRiBOND'S PRi Crack Filler is a non-slump acrylic latex sealant in paste form. It has very good application and finishing characteristics, forms a smooth skin quickly, and may be painted or covered with wallpaper. PRi crack filler is flexible and will accommodate small structural movements between building components such as walls and ceilings, window and door frames. PRi crack filler is suitable for both interior and exterior use, but not suitable for use under water.

AREAS OF APPLICATION:

The excellent bond and coatable of PRi crack Filler make it ideal for a wide range of applications such as :

- Sealing window and door frames
- Sealing around ceramic tiles.
- General caulking and pointing.
- Crack filling prior to painting.

FEATURES & BENEFITS:

- Simple to apply and finish.
- Excellent adhesion to most building materials.
- Fast drying, non-staining.
- Permanently flexible.
- Can be painted or papered over.
- Adheres to damp surfaces.
- Non-slump paste

DESIGN CRITERIA

PRi crack filler is primarily used in caulking and pointing applications in non-movement cracks. Recommended joint size is 5 mm - 15 mm wide, and 5 mm - 15 mm deep, or up to 25 mm wide in triangular fillets. Joints and gaps up to 25 mm wide can be filled using PRi crack filler without slumping, but setting times will be considerably longer than in small sections.

For cracks or joint where movement is likely, a more flexible sealant Construction Silicone should be considered. As PRi crack filler sets by loss of water, some volume shrinkage will always occur, so some allowance must be made for this if a flush surface is required. This shrinkage automatically achieves the concave surface most commonly preferred.

PROPERTIES

Data quoted are typical for these products, but do not constitute a specification.

Form :	Non-slump paste
Colours:	White
Physical or chemical change	Dries by water loss
Skimming time at 20 ° C 50% RH	20 minutes
Cure rate at 20 ° C RH	1 mm per day
Application temperature	Minus 5 ° C – 40 ° C
Service temperature:	Minus 40 ° C – 70 ° C
Movement Accomodation Factor	5% total (± 2.5%)

MAINTENANCE

No special requirement, any damage identified during normal inspections should be repaired or replaced as appropriate.

LIMITATIONS

PRi crack filler should not be used where it should be subject to immersion, or in joint subject to foot or vehicular traffic. Do not use in contact with bituminous material.

SURFACE PREPARATION

All surfaces should be clean and free from oil, grease or any other surface contaminants. PRi crack filler will bond to damp (but not wet) porous surfaces, but is not suitable for application to damp non-porous surfaces. For optimum results PRi crack filler should only be applied to dry surfaces. Surfaces which have been in use prior to sealing operations (e.g bathroom tiles and fittings) or have any surface contamination, require special care in preparation. Scrub surfaces with strong detergent solutions and rinse with ample clean water.

PRi crack filler requires no primer on common substrates, but surfaces which are very porous, friable or in poor condition may require treatment - consult PRiBOND Technical Service for advice.

Where PRi crack filler is to be applied to a joint subject to any movement, a bond breaking tape should be used at the back of the joint, eg Polyethylene tape or Expand a foam joint backing rod. Where possible a similar bond breaker should be used in the corner of triangular fillet beads.

PRi crack filler is resistant to rain water once cured, but uncured PRi crack filler may be washed from a joint by heavy rain soon after application. DO NOT apply sealant in unprotected areas if rain is likely, or protect freshly sealed joints from the weather.

APPLICATION

PRi crack filler can be applied from the cartridge using a standard 300 ml cartridge gun. Cut end off cartridge seal, fit nozzle and cut to desired size and angle, then fit into gun. Hold nozzle against joint or seam and gun PRi crack filler firmly onto surface with sufficient pressure to give adequate contact with the surface. Use even pressure on the trigger to give a smooth, even extrusion.

TOOLING

PRi crack filler skins quickly, so tooling off surface should be done immediately after application. Use any smooth tool metal, plastic, wood, etc – with sufficient pressure to ensure that PRi crack filler firmly contacts all bonding surfaces. Good tooling helps give surface contact and also provides the required surface finish.

CLEAN UP

Clean soiled equipment, hands etc immediately after use with clean or soapy water.

COATED OR WALLPAPERING

Clean soiled equipment, hands etc immediately after use with clean or soapy water.

PACKAGING

1 kg 5 kg & 10 kg.

STORAGE

12 months in original containers stored in cool, dry conditions i.e. not exceeding 25°C. Storage above this temperature may reduce storage life.

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