



## ACRYLIC CRACK FILLER

**Economical, flexible, coatable, water based acrylic general purpose acrylic crack filler**

### Description

**Dubond's Acrylic 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. Acrylic crack filler is flexible and will accommodate small structural movements between building components such as walls and ceilings, window and door frames. Acrylic crack filler is suitable for both interior and exterior use.

### Area of Application

The excellent bond and coatable of 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.

### Feature & 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.
- Cleans up with water.

### Design Criteria

Acrylic 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 Acrylic 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 Acrylic 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
Skinning 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 ( $\pm$ 2.5%)

### ■ Maintenance

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

### ■ Limitations

Acrylic 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. Acrylic 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 Acrylic 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.

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

Where Acrylic 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.

Acrylic crack filler is resistant to rain water once cured, but uncured Acrylic 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

Acrylic 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 Acrylic 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

Acrylic 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 Acrylic 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.

### ■ Coverage

Depend on Crack of a 5 mm x 10 mm joint. This is theoretical coverage. No allowance has been made for variations in joint dimensions or wastage.

### ■ Storage

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

DISCLAIMER The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.

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