

Fosroc® Gap Filler

Economical, flexible, paintable, water based acrylic general purpose gap filler

Uses

The excellent bond and paintability of Gap 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

Advantages

- 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

Description

Gap 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. Gap Filler is flexible and will accommodate small structural movements between building components such as walls and ceilings, window and door frames. Gap Filler is suitable for both interior and exterior use, but not suitable for use under water.

Design Criteria

Joint configuration

Gap Filler is primarily used in caulking and pointing applications in non-movement gaps. 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 Gap Filler without slumping, but setting times will be considerably longer than in small sections.

For gaps or joint where movement is likely, a more flexible sealant such as Emer-Seal PU25 or Construction Silicone should be considered.

As Gap 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.

Contact your local Parchem sales office for further advice.

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:	5°C - 40°C
Service temperature:	Minus 40°C - 70°C
Movement accommodation factor:	5% total (± 2.5%)

Maintenance

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

Limitations

Gap Filler should not be used where it could be subject to immersion, or in joints subject to foot or vehicular traffic. Do not use in contact with bituminous material.

Application Instructions

Surface preparation

All surfaces should be clean and free from oil, grease or any other surface contaminants. Gap Filler will bond to damp (but not wet) porous surfaces, but is not suitable for application to damp non-porous surfaces. For optimum results Gap 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, or scrub with Solvent 10 or Thinners No. 1 and allow to dry completely.

Gap Filler requires no primer on common substrates, but surfaces which are very porous, friable or in poor condition may require treatment - consult Parchem Technical Services for advice.

Where Gap 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 Expandafoam joint backing rod. Where possible a similar bond breaker should be used in the corner of triangular fillet beads.

Gap Filler is resistant to rain water once cured, but uncured Gap 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.

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Application

Gap 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 Gap 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

Gap 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 Gap 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.

Painting or wallpapering

Where necessary Gap Filler can be painted or papered, allow at least one hour after finishing, with overnight drying times recommended to allow for any drying shrinkage. For painting, use any conventional emulsion paint. Oil paints may also be used, provided the sealant has been fully cured. Note that paint or paper should not be applied over moving joints, as they will restrict movement with possible damage to the paint, paper or sealant.

Supply

Gap Filler - 300 ml cartridges, 25 per carton

Product Code

600395	Gap Filler White 300ml (25/ctn)
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Coverage

Each 300 ml cartridge will seal approximately 6 metres 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 ie. not exceeding 25°C. Storage above this temperature may reduce storage life.

Important notice

A Safety Data Sheet (SDS) and Technical Data Sheet (TDS) are available from the Parchem website or upon request from the nearest Parchem sales office. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Parchem does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.



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constructive solutions



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