



BUILDING FILLER™

Description

Building Filler™ is a two part polyester filler designed to fill gaps and cracks in a wide variety of common building materials, where movement is not expected and a rapid finish is required.

Benefits

- Fills gaps, cracks and holes in most common building materials.
- Suitable for interior use
- Suitable for exterior use when overpainted with exterior paint
- Easy to mix and apply.
- Sets rock hard, fast (30 minutes), depending upon temperature and conditions
- Will not shrink or slump.
- Easy to sand and paint.
- Can be planed, drilled, nailed or screwed once fully cured

Uses

- Use for filling timber cavities, finishing architraves and doors, filling pre-primed metal surfaces, holes in fiberglass, repairing concrete and masonry.

Compatible Substrates

| | |
|---------------|-------------------------|
| Fibreglass | Cement/Plaster sheet |
| Cement render | Some plastics (pretest) |
| Brick | Metals (Pre-primed) |
| Timber | Ceramic |

Performance Summary

| Property | Data |
|----------------------|--|
| Specific gravity | 1.25 |
| Flammability | UN 3269 Polyester Resin Kit. PG. III |
| Shelf life | 12 months unopened |
| Gel time 2% BPO 50% | 8 minutes @ 18°C 6 minutes @ 25°C 4 minutes @ 30°C |
| Cure time 2% BPO 50% | 30 minutes to Shore D 45 at 25°C |
| Cured hardness | Shore D 65 |
| Service temperature | 0°C to 80°C |

Coverage

Coverage is the same as the contents of the tin, will not expand or shrink when correctly mixed.

Surface Preparation

All surfaces must be clean, dry, sound and free of dust, oil or contamination. Clean metals with mineral turps or white spirits and wipe clean. Adhesion to metals can be further improved by light sanding.

Application

Using a spatula, remove the required amount of Fuller Building Filler™ resin from the can and replace the lid tightly. Use a flat board or the inside of the lid as a mixing tray. Add one pea size of Building Filler Hardener to one golf ball size of Building Filler resin (1 part hardener to 50 parts filler). Mix together using a spatula until the colour is even. Ensure sufficient mixing to until a uniform colour is achieved.

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Apply to the crack or hole using a spatula and work out any air pockets. Tool to the desired shape, slightly over-filling to allow for sanding. Once the surface is tack-free (20 - 30 minutes) the surface can be leveled with a fine plane or file. When more fully cured, after 30 minutes, the surface can be sanded. If the sandpaper clogs, allow a few extra minutes for the filler to cure further before resuming sanding.

Curing

Working time is as short as 3 minutes in summer and up to 8 minutes in winter. For faster cure, add slightly more hardener. For longer working time, add slightly less hardener. Building Filler cures in about 30 minutes to a state that can be sanded and fully cured within a few hours.

Clean Up

Areas where Building Filler™ is not required should be masked. Uncured product may be cleaned up with acetone. Once cured, the product can only be removed mechanically, and this is best achieved by sanding away any unwanted product.

Painting

For best results, Building Filler™ should be sanded and primed with an oil based primer. Once primed, most types of quality paints can be used.

For exterior use it is important that Building Filler™ is overpainted with an exterior-quality paint, as Building Filler™ is not suitable for direct exposure to sunlight.

Shelf Life

When stored unopened between 5°C - 30°C, Building Filler™ will be useable for approximately 12 months.

Use over nail heads in exterior and weatherboard applications

Building Filler™ can absorb moisture over time, therefore it is important to paint over Building Filler™ in exterior applications to avoid swelling and potential delamination of Building Filler™ from the substrate and/or painted surface. If Building Filler™ is used to fill over nail heads (including pre-primed nail heads), there is the possibility that moisture absorption through the coating system can penetrate through the nail head, resulting in corrosion and delamination of Building Filler™ from the nail head.

Weatherboards and their associated fixing systems will flex and move over time, and therefore require a filler that can accommodate this movement. Building Filler™ is not suitable in applications where joint movement is anticipated and is therefore not recommended for use in weatherboard applications.

Limitations

- Not suitable where joint movement is likely.
- Not water or UV resistant; should be painted when used in exterior applications.
- Cannot be coloured prior to mixing.

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**Safety Information**

This product is considered hazardous under the classification of GHS WHS Version 3. Further safety information is available on the product SDS. Avoid contact with skin and eyes. Store in a dry place below 30°C. Keep out of reach of children. A MSDS is available from the H.B. Fuller representative your state, HB Fuller Australia customer service, or downloadable from the HB Fuller web site, www.hbfuller.com.au.

Disclaimer

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Version 5
TDS Date: 29/11/2017

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