



LIGHTWEIGHT FILLER

TABLE OF CONTENTS

Description.....	1
Features.....	1
Application instructions.....	1
Limitations.....	2
Packaging.....	2
Usage.....	2
Health and Safety.....	2
Technical data.....	2

DESCRIPTION

GRAFT® LIGHTWEIGHT FILLER is an ultra-light-weight ready mixed filler, designed with the latest advances in polymer and material technology. The advanced technology is based on microscopic glass spheres encapsulated by a water based resin which sets hard on curing. When cured the filler has good acoustic and thermal insulating properties.

The product design also gives excellent application properties coupled with unrivalled filling performance with regard to shrinkage and crack resistance when compared with conventional fillers.

GRAFT® LIGHTWEIGHT FILLER is suitable for both internal and external applications. External use is permissible provided that weather conditions are likely to allow the filler to cure before exposure to any precipitation (rain, sleet, snow).

FEATURES

Filler is recommended for filling gaps, holes and imperfections in most types of wall and ceiling construction. The advanced technology allows deep holes to be filled in one application with no sagging, cracking or shrinking.

It is also suitable for filling fine surface cracks or holes. The product has also been designed to reduce preparation time by producing a finish that



is dry to the touch within 20 minutes and does not normally require sanding.

GRAFT® LIGHTWEIGHT FILLER Filler can normally be painted when touch dry with water based paints. When painting with oil based paints, allow the filler to dry for 12 hours.

- Fill gaps and holes in most common construction materials
- Fill gaps and holes in walls and ceilings
- Fills in one application for a smooth finish
- Interior and exterior filling of awkward shape gaps and cavities
- Fill holes in substrates hiding large cavities e.g. dry lining or false ceilings
- Fills fine surface cracks
- When cured can be shaped and sanded to match contoured items: for example plaster mouldings
- Can be used to fill damaged polystyrene coving, tiles or mouldings
- Universal – deep holes to fine cracks

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LIGHTWEIGHT FILLER

APPLICATION INSTRUCTIONS

All surfaces must be clean and sound, free from dirt, grease and other contamination. Wood plaster and brick may be damp but not running wet. Use mechanical abrasion to clean non-porous surfaces to assist adhesion of the filler.

For extra performance on friable substrates, a primer can be prepared by diluting 2 parts GRAFT® LIGHTWEIGHT FILLER with 1 part of water and mixing thoroughly. The primer should be brush applied and allowed to dry for 2 to 3 hours before applying filler. Alternatively a standard PVA sealer may be used on the surface.

Prepare joint by cleaning and priming if necessary, as previously detailed. Prior to application the product may need to be worked slightly with the spatula to give the correct consistency. Apply the filler using a hand trowel or filling knife ensuring a good solid fill. Smooth the filler flush with the joint sides within five minutes of application, before surface skinning occurs.

LIMITATIONS

GRAFT® LIGHTWEIGHT FILLER is not intended for application on bituminous substrates or substrates that can exude certain oils and plasticizers or solvents.

GRAFT® LIGHTWEIGHT FILLER is not recommended for submerged joints or areas exposed to high abrasion.

PACKAGING

GRAFT® LIGHTWEIGHT FILLER is available in:

PACK	COLOUR	UNITS (per box)
500ml tub	white	12
1000ml tub	white	6
4 litre pail	white	2

USAGE

For circular gaps or holes, calculate the requirement by using the following:

$$(\text{Diameter} \times \text{Diameter}) \div 4 \times 3.142 \times \text{depth} \div 1000 = \text{ml required (all measurements in mm)}$$

For example, to fill a hole / irregular gap approximately 100mm diameter and 60mm deep the requirement would be:

$$(100 \times 100) \div 4 \times 3.142 \times 60 \div 1000 = 471.3 \text{ ml (or 0.471 litres)}$$

HEALTH AND SAFETY

Wash the material from the skin while still wet. Material in contact with eyes should be washed out immediately with water. Seek medical advice if discomfort persists. More detailed information can be found in the relevant GRAFT® Material Safety Data Sheet.

LIMITATIONS

FORM	READY TO USE THIXOTROPIC PASTE
Cure system	Water based
Colour	White
Specific gravity	0.30 to 0.35
pH	7.5 to 9.0
Open time	15 minutes
Slump	None
Solids content	>60%
Application temperature range	+4°C to +30°C
Service temperature range	- 15°C to +75°C
Shelf life	Up to 15 months when stored in unopened under cool dry conditions. Avoid temperatures above 30°C & below 5°C
Compatibility	Can be used in contact with most building and decorating materials.

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