

Gyproc Easi-Fill

INTRODUCTION

Overview

Lightweight plasterboard joint filler and finisher with consistent setting time formulated for easy mixing, application and sanding. May also be used for many other internal filling applications.

Characteristics

Gyproc Easi-Fill is a low shrinkage, gypsum based powdered jointing material combining the characteristics of both an air-drying and a setting material. Potentially, a finished joint may be achieved in only two coats.

Applications

Gyproc Easi-Fill may be used for all stages of plasterboard jointing, for pre-filling gaps and holes and for fixing of beads. It can be used by hand or in quick-release type finishing boxes. Gyproc Easi-Fill should not be used for jointing of Glasroc F Multiboard or Firecase. Gyproc Easi-Fill should not be used over an earlier coat of an air-drying jointing product.



STANDARDS

Gyproc Easi-Fill complies with EN 13963 type 3B, and is manufactured under a quality system independently audited and certified as conforming with ISO 9001:2008.

PERFORMANCE

Fire resistance

Most Gyproc systems require the board joints to be taped and jointed with Gyproc jointing materials, even in locations where the system is not visible to building users in order to achieve their fire tested performance criteria. Gyproc Easi-Fill is suitable for this purpose.

Effect of temperature

During application, ambient and background temperatures must be maintained above 5°C until fully dry. Dry, bagged product is not affected by low temperatures. Once fully set and dry, Gyproc Easi-Fill is only suitable for situations where the temperature does not exceed 49°C.

Effect of condensation and other moisture

Gyproc Easi-Fill should be protected from continuous exposure to moisture. Prolonged or repeated exposure to moisture may cause a loss of strength and/or adhesion.

Setting time

Mixture is workable for approximately 1 hour, and sets gradually – recoatable after approximately 140 minutes. Setting times will vary slightly with changes in ambient temperature and water content. Full strength is only achieved when the product is completely dry. Adequate ventilation must be provided during the drying period.

INSTALLATION

Background preparation

Gyproc Plasterboard surfaces should be reasonably dry, clean and protected from the weather. Boards should be securely fixed with no steps between adjacent boards. The correct fixings must be used and properly located, making sure not to fully penetrate the paper of the board, with their heads positioned just below the liner surface. Any protruding screw heads should be driven home with a hand screwdriver prior to spotting and jointing. Gaps between boards greater than 3mm should be pre-filled with Gyproc Easi-Fill prior to taping with Gyproc Paper Tape.

Storage

Bags should be stored dry, as absorption of water shortens the setting time, causes set lumps to form in the bags and may reduce the strength of the set product. If storing on a concrete floor, dry timber platforms should be provided. Gyproc Easi-Fill stored correctly has a shelf life of 6 months and bags are marked with the 'use by' date in order to permit use in strict rotation.

Mixing

The powder should be added gradually to clean water in a clean mixing vessel, stirring continuously until a smooth creamy consistency is achieved. Excessive mechanical mixing should be avoided, and only low-speed mixers used. Once the material starts to set it must be used quickly or discarded, it cannot be remixed. Cleanliness of tools is essential as contamination from previous mixes can shorten the setting time and reduce the strength of the product when set.

Water requirement

Approximately 7 litres of water per 10kg bag.

Application

Apply Gyproc Easi-Fill to the joint to embed the joint tape and immediately overcoat to fully fill the tapered board edges and just feather out onto the board surface. Remove any surplus material from the edges of joints with a moistened sponge, taking care not to disturb the main joint material. Allow to set – minimum 140 minutes – then apply the finishing coat, feathered out beyond the first. Procedures for finishing angle joints, screw spotting etc are similar – please refer to the Gyproc Installation Guide for full details.

Coverage

Jointing system	Reinforcement	Taping coat kg/100 lm	First finish coat kg/100 lm
Flat joint (tapered edge - hand applied)	Paper tape	9	5
External angle	Corner tape	18	9
External angle	Metal bead	28	12
Internal angle	Paper tape	10	5

Notes to table

1. These quantities should be used as a guide only – quantities used will vary depending on tools used and accuracy of board alignment.
2. Material used for pre-filling gaps, repairing damage, screw-spotting etc is not included.
3. An allowance for waste and material sanded away should be added as appropriate.

Finishing

After the finishing coat has fully dried, sand lightly to remove trowel marks etc. Where plasterboards are to be directly decorated apply Gyproc Drywall Primer to the whole surface to prepare the surface for painting, or Gyproc Drywall Sealer, in one coat to prepare for wallpapering, or two coats to provide an additional vapour check.

Decoration

As with all wall and ceiling areas, gloss or high-sheen finishes will highlight any variations of the surface, particularly with shallow-angle lighting. The use of low-sheen or matt finishes minimises this risk. In accordance with BS8212: 1995 "work should ideally be carried out under the same lighting conditions that will ultimately be obtained from the permanent installation.

Maintenance

If the product is correctly applied and not exposed to moisture or mechanical damage, it should not require any form of maintenance.

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