

## Gyproc Joint Filler

### INTRODUCTION

#### Overview

Gyproc Joint Filler is a gypsum based setting material for bulk and secondary filling of plasterboard joints, with low shrinkage and excellent workability.

#### Applications

Gyproc Joint Filler is used in the traditional three stage jointing process.



### STANDARDS

Gyproc Joint Filler complies with EN 13963 type 1B, and is manufactured under a quality system independently audited and certified as conforming with ISO 9001: 2000.

### PERFORMANCE

#### Effect of temperature

Ambient and background temperature must be maintained above 2°C until fully dry. Dry, bagged product is not affected by low temperatures. Once fully set and dry, Gyproc Joint Filler is only suitable for situations where the temperature does not exceed 49°C.

#### Effect of condensation and other moisture

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

#### Coverage

On average 37 sqm per 12.5kg bag and 74 sqm per 25kg bag

#### Setting time

Mixture is workable for approximately 1 hour, and sets gradually – allow each coat to set before applying the next. Setting times vary slightly with changes in ambient temperature and water content. Full strength is only achieved when the product is completely dry, hence adequate ventilation must be provided, particularly where other wet materials are also present.

#### Water requirement

Approximately 6 litres of water per 12.5kg bag.

Approximately 12 litres of water per 25kg bag.

#### Minimum temperature

Ambient and background temperature must be maintained above 2°C until fully dry.

#### Pallet quantity

80 x 12.5kg bags = 1000kg

40 X 25kg bags = 1000kg

For a comprehensive and up-to-date library of information visit the Gyproc website at: [www.gyproc.ie](http://www.gyproc.ie)

## INSTALLATION

### Background preparation

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 with their heads 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 prior to taping with Gyproc Joint 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 Joint Filler 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. Contamination from previous mixes can shorten the setting time and reduce the strength of the product when set.

### Application

Apply Gyproc Joint Filler to the joint to embed the tape and immediately overcoat to fully fill the tapered board edges and just feather out onto the board surface. Allow to set – minimum 140 minutes – before applying the finishing coat.

### Maintenance

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

The water ratios quoted are those used in Formula's standard test methods and are not necessarily those used in practice. The precise consistency to use will need to be adjusted to suit the individual application. Changes to water ratio will influence product performance, particularly setting time and strength. Unless otherwise stated, Formula's standard test methods apply, to obtain a copy of the test method, please contact Formula directly

All information given is composed on good faith and may be subject to change. It's advisable to contact Saint Gobain Formula in case of any doubt from the content of such this booklet or its validity.

[www.gyproc.ie](http://www.gyproc.ie)

Gypsum Industries Limited  
Unit 4,  
Kilcarbery Business Park,  
Nangor Road,  
Dublin 22  
Tel: 01-629 8400  
Email: [enquiries@gyproc.ie](mailto:enquiries@gyproc.ie)

Technical Support  
ROI: Free Phone: 1800 744480  
NI: Free Phone: 0845 3990159  
Email: [tech.ie@saint-gobain.com](mailto:tech.ie@saint-gobain.com)



© Gypsum Industries Limited May 2014 PDS-GIL-01

Gyproc, Gyproframe and Glasroc are all registered trade names of Gypsum Industries Limited. Isover is a registered trade name of Saint-Gobain.

Gypsum Industries reserves the right to revise product specifications without notice. The information in this document was correct to the best of our knowledge at the time of publication. It is the user's responsibility to ensure that it remains current prior to use. The information in this document is for guidance only and should not be read in isolation. Users should read and familiarise themselves with all the information contained in this document and ensure that they are fully conversant with the products and systems being used, before subsequent specification or installation.