

Gyproc QuickSand Joint Cement

Product Data Sheet

Product description

Overview

Gyproc QuickSand Joint Cement is an air-drying jointing material for all stages of plasterboard jointing, formulated for excellent workability and easy sanding.

Applications

Gyproc QuickSand Joint Cement can be used for all stages of hand or mechanical jointing of plasterboard, Glasroc F **MULTIBOARD**, Glasroc F **FIRECASE** and Rigidur **H**.

Standards

Gyproc QuickSand Joint Cement complies with *EN 13963 type 3A*, and is manufactured under a quality system independently audited and certified as conforming with *ISO 9001: 2015*.

Performance

Fire resistance

Most fire-rated British Gypsum systems require the board joints to be filled, either with Gyproc jointing materials or Thistle finish plasters, even in locations where the system is not visible to building users, in order to achieve the tested performance. Gyproc QuickSand Joint Cement is suitable for this purpose.

Effect of temperature

Ambient and background temperature must be maintained above 10°C until fully dry. Dry bagged product is not affected by low temperatures. Once fully set and dry, Gyproc QuickSand Joint Cement is only suitable for situations where temperature does not exceed 49°C.

Effect of condensation and other moisture

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

Minimum temperature

Ambient and background temperature must be maintained above 10°C until fully dry.

Water requirement

Approximately 12 litres of water per 25kg bag. Adding more water can increase shrinkage.

Product information

Storage

Bags should be stored dry, as absorption of water causes lumps to form in the bag and may reduce the strength of the set product. If storing on a concrete floor, dry timber

platforms should be provided.

Gyproc QuickSand Joint Cement stored correctly has a shelf life of 6 months and bags are marked with a “use by” date in order to permit use in strict rotation.

Coverage

Jointing system	Reinforcement	Taping coat kg/100 lm	First finish coat kg/100 lm	Second finish coat kg/100 lm	Third finish coat kg/100 lm
Flat joint (tapered edge – hand applied)	Paper tape/ fibre tape	12	6	6	-
Flat joint (tapered edge – mechanical)	Paper tape	6	6	6	3
Flat joint (square edge)	Paper tape	3	12	-	-
External angle	Corner tape	-	9	9	-
External angle	Metal bead	-	9	9	-
Internal angle	Paper tape	12	8	8	-

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.
4. External angle reinforcements should be fixed using a setting product – Gyproc Joint Filler or Gyproc Easi-Fill, except Glasroc F MULTIBOARD and Glasroc F FIRECASE.

Application and 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 using Gyproc Joint Filler, Gyproc Easi-Fill, prior to taping with Gyproc Joint Tape.

Mixing

Gyproc QuickSand Joint Cement 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.

Gyproc QuickSand Joint Cement should be allowed to stand for at least 10 minutes and given a mix with a hand trowel before use.

Application

If using Gyproc QuickSand Joint Cement for all stages, apply 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 completely dry and then apply a final coat, feathered out beyond the second.

If using as the finishing coat over Gyproc Joint Filler or Gyproc Easi-Fill, the procedure is similar with the exception that the Joint Filler / Easi-Fill can be overcoated when it has set. Procedures for finishing angle joints, screw spotting, etc are similar – please refer to the British Gypsum **Site Book** for full details.

Finishing

After the finishing coat has dried, sand lightly to remove trowel marks, etc. 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 a vapour check.

Application and installation (continued)

Decoration

Apply decoration with the minimum of delay after Gyproc Drywall Primer or Gyproc Drywall Sealer has dried. 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. Jointing should be carried out under similar lighting conditions to those used for subsequent inspection and use.

Heavy, semi-rigid or impermeable wallcoverings may involve specialist adhesives or techniques which may not be compatible with Gyproc Drywall Primer or Gyproc Drywall Sealer. Consult the wallcovering and / or adhesive manufacturer for a specific recommendation. Impermeable wallcoverings fixed with water-based adhesives should not be applied over Gyproc Drywall Sealer, as the drying of the adhesive will be severely restricted.

Maintenance

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

"Gyproc", "Thistle", "Gypframe" and "Glasroc" are all registered trademarks of Saint-Gobain Construction Products UK Limited. "Isover" is a registered trademark of Saint-Gobain Isover and "Artex" is a registered trademark of Saint-Gobain Construction Products UK Limited.

Saint-Gobain Construction Products UK Limited is a limited company registered in England under company number 734396, having its registered office at Saint-Gobain House, Binley Business Park, Coventry, CV3 2TT, UK. Saint-Gobain Construction Products UK Limited trades as British Gypsum for part of its business activities.

British Gypsum reserves the right to revise product specification without notice. The information herein should not be read in isolation as it is meant only as guidance for the user, who should always ensure that they are fully conversant with the products and systems being used and their subsequent installation prior to the commencement of work. For a comprehensive and up-to-date library of information visit the British Gypsum website at: british-gypsum.com. For information about products supplied by Artex Limited or Saint-Gobain Isover please see their respective websites.

"British Gypsum" is a registered trademark of Saint-Gobain Construction Products UK Limited.

T: 0115 945 6123
F: 0115 945 1616
E: bgtechnical.enquiries@bpb.com

Training enquiries: 0844 561 8810

British Gypsum July 2018 PDS-313-01

british-gypsum.com

