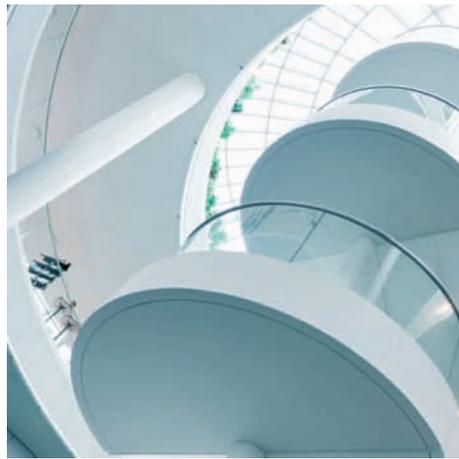


BLENHEIM FINE INTERIORS



Glass Reinforced Gypsum

*Column Casings ● Fascias ● Light Features
Domes ● Pilasters ● In-House Design ● Model &
Mould Making ● Manufacturing ● Consultation*

GLASS REINFORCED GYPSUM

THE PRODUCT

Glass Reinforced Gypsum or GRG as it is commonly known, is a lightweight but robust interior cladding material, specified by architects and interior designers where shape and form is required. The material is often used within shopping malls, offices, hotels, airports and various commercial buildings for a variety of applications including column casings, fascias, coves, light troughs, pilasters, domes and other architectural features.

DESIGN

Our CAD designers work closely with the project team developing the architect's concepts into full working drawings. Plan layouts, sections and elevation drawings detailing panel sizes and suspension/support system are submitted for approval. Once approval has been obtained accurate production drawings are then produced.

TOOLING

We produce models using either plaster or timber to suit the required product profile. Plaster, silicone rubber or GRP moulds are then taken from the model, depending on shape and the quantity of GRG casts to be produced. We ensure that every project is approached individually to maintain the best possible production techniques to achieve quality results.

GRG CASTS

Our skilled craftsman, using a technique known as hand lamination, combine fine quality plaster and two layers of glass fibre reinforcement to produce panels from the moulds that are generally 8-10mm thick. Panels up to 3.0m² can be produced dependent on shape and profile. Our models and moulds are checked for accuracy and the GRG casts are constantly monitored to ensure that shape/profile and dimensions are maintained, as part of our ongoing quality assurance procedures.

FIXING

Our experienced installation teams generally use two methods for supporting GRG which is predetermined during the design process. Lightweight galvanized mild steel sections and grid are used to form a suspension/support framework. The GRG panels are then either screw fixed to the framework or the traditional method of wire ties and plaster wadding is used.

FINISH

Once fixed, joints between panels are either filled and made good to provide a monolithic appearance or alternatively, expressed joints can be designed to provide a modular appearance. If a paint finish is required the completed installation is left ready for decoration by others, we recommend one mist and two full coats of matt emulsion.

We are also able to offer a range of Venetian Polished Plaster finishes which can be applied to the GRG substrate (See our Venetian Polished Plaster information sheet).





BLENHEIM FINE INTERIORS



Glass Reinforced Gypsum

Column Casings ● Fascias ● Light Features

Domes ● Pilasters ● In-House Design ● Model &

Mould Making ● Manufacturing ● Consultation

17 FIRST QUARTER, BLENHEIM ROAD
EPSOM, SURREY, KT19 9QN

Tel: 01372 728866 Fax: 01372 730591

E: info@blenheimfineinteriors.co.uk

www.blenheimfineinteriors.co.uk

