



FITTING INSTRUCTION

Gypsum Products

UNLOADING & MANUAL HANDLING

Please take extra care when unloading panels; lengths can be unwieldy therefore appropriate lifting techniques should be used. Panels are made to order and may be slightly wet for better bonding therefore hold them from both edges when lifting as they may break easily. Panels should always be moved in a vertical position.

STORING

Lay the panels flat on the floor, one on the top of the other, each separated by a layer of Styrofoam. Plaster based products should always be stored indoors in a dry place and not exposed to extreme temperatures. Gypsum can be affected by absorption of moisture and may change its physical properties. Gypsum panels should be fitted within 7 days from delivery date.

SURFACE PREPARATION

Items should be unpacked and their colour allowed to stabilize for 48 hours before fitting.

Always follow the fitting instructions provided by the producer in relation to adhesive, verification of the base's bearing capacity and its preparation. Check the load bearing capacity of the surface and compare with the tile weight (technical data sheet). The surface must be porous, solid and free from any old wallpaper, paint or damaged plaster. Scratch the wall surface to provide a key for the adhesive, prime with recommended primer.

Panels can be fitted on to solid wall or plasterboard wall made in conformity with good building practice but if there are any possibilities of overloading the existing wall, additional support facings should be applied. Fitting must be carried out in temperatures between 5°C – – 25°C by a skilled tiler with attention to details. Facings can be fixed onto cement mortar once the concrete has shrunk no less than 75%.

Approximate time of unmodified concrete C20/25 shrinking by to the level of 75%:

7 cm thick – about 3 months

20 cm thick – about 4 months

50 cm thick – about 12 months

RECOMENDED ACCESSORIES

Appropriate PPE must be worn (gloves, boots, goggles, hat), necessary tools: pencil, measuring tape, bucket, spirit level, hand saw, 5-10 mm notched floating trowel, an adhesive spreader, spatula, plaster cove adhesive (Herculite Fibrefix or Semin CE78 recommended), wall filler (Casting plaster or Gyproc Easy Filler recommended), acrylic calk, silicon gun, PVA bond, emulsion paint and water.

FITTING

Check panel alignment horizontally and vertically; if the panels do not match to each other, scrape the edge of the panel with drywall rasp. In case of the panels edges are bent, dampen the panel back with clean water and lay the panels flat on the floor for about an hour.

If your floor is not straight or you are starting the fitting at a different level (f.g. top half of the wall), mark a fitting starting point. Screw a wooden batten which will mark the place for the bottom edge of the panel. Fitting should start from the bottom corner and the second next panel should be fitted on one side of the first panel, line by line, one below the other.

Remove any dust from the tiles and mix the adhesive with water as per the manufacturer's instructions and spread into the back of the panel with the recommended 5-10 mm notched trowel – this will provide a ribbed adhesive bed on the surface to be tiled. Do not leave any excess adhesive on the surface of the panel as it must be immediately wiped away with a wet sponge.

Spread some adhesive on the edge of the panel, which will help with fitting the gaps between them. Continue fitting panels to the wall end; the last panel can be cut with a hand saw if necessary.

It is important to push panels into each other and check their alignment horizontally and vertically after each fitting.

For panels fitted on a drywall or on a height (>3m), please mechanically screw panels into the drywall framework (plasterboard wall) or into the solid wall (brick and concrete walls).

The panel's surface edges should be finished with acrylic calk and painted with the same paint as the panels.

FILLING JOINTS

All gaps between panels need to be filled with white wall filler and hand smoothed with 120 and 180 grit sandpaper to obtain a uniform surface. We highly recommended that you seal the panels with mist coat (water-paint mix) before starting to fill the gaps and smoothing.

Caution!

Panels named: Speaker, Craters, Tablet, Rubik, Denali, Vente, Quadrat, Fair, Ferro, Loft; does not require a filling joint with a wall filler, you can use an acrylic decorative calk instead.

PAINTING

Prior to starting any painting work, panels must be completely dry. Before applying a finish coat of paint, prime panels with mist coat (50/50 paint and water mix). We highly recommend painting panels with matt emulsion paints (for a perfect joint cover), using a small paint roller, soft paint brush or compressor spray.

DISCLAIMER

We reserve the right to amend the details contained within this document without prior notice. Precast panels can have minor manufacturing characteristics present such as telegraphing of the cellular structure and minor surface particle or imperfections.

These are normal visual elements for this type of product and if present are not grounds for complaint and are not aspects covered by the product warranty.