



FITTING INSTRUCTIONS

Concrete Products

UNLOADING & MANUAL HANDLING

Please take extra care when unloading panels; lengths can be unwieldy therefore appropriate lifting techniques should be used. Panels should always be moved in a vertical position.

STORING

Every shipment is fully insured and checked prior to dispatch. In the case of a complaint, a damage report prepared by the courier is required. If a defect is not reported or a damage report delivered, any complaint will be denied and costs of new shipment will be payable by the client. The Product should be stored in a closed and dry space, in temperatures between 5°-25° degrees Celsius. Tiles should be unpacked and laid on an even surface 48h before creating fitting. A trial arrangement should be made in order to deliberately plan the location of possible differences in the shades of tiles. Do not fit the panels on damp surfaces or on the surfaces that have direct contact with damp or wet surfaces. Inadequate storage in a vertical, slanting position or exposure to moisture can cause linear deformation and bending of tiles.

PREPARATION

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

Always follow the fitting instructions provided by the producer in relation to adhesive, verification of base's bearing capacity and its preparation. Check the load bearing capacity of the surface and compare with the tile weight (technical data sheet). 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 and primed with recommended concrete and natural stone primer. Fitting must be carried in temperature between 5°C – 25°C by skilled tiler with attention to details. For a better results use the grey adhesive for a grey tiles and white adhesive for a white tiles, we aswell recommend to paint the background with the same colour as tiles.

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, googles, hat).

Necessary tools: pencil, measuring tape, bucket, spirit level, angle grinder with diamond disc, 5-10 mm notched floating trowel, an adhesive spreader, spatula, silicon gun.

Recommend fitting materials:

Adhesives:

Ardex N23

Ardex X32

Mapei Quick S1

Mapei Keraflex Maxi S1

Impregnates:

Remers Funcosil OFS

PVA:

Ardex P4

FITTING

Clean excess concrete off on the back and edges of the tiles. All potential irregularities, post-production remains of side, technological and contact edges should be cleaned, ensuring that elements fit evenly. Fibers which occurs at the edges of tiles and on the technological side enhance the fixing process and should not be removed.

The wall surface and back of the tiles should be primed with recommended concrete primer.

Spread the adhesive on the wall and back of the tile surface with the notched trowel (3mm – 10 mm), with a margin of about 10mm from the edge. All adhesive stains on tiles surface should be cleaned systematically with water to avoid adhesive caking the tile surface.

Always use clean gloves to prevent tiles getting stained. Start fitting from the bottom left corner and carry on to right side and top. For elements which are not fixed from the floor level, use a wooden batten or wooden pieces for temporary support.

Carry on with the next tiles; keep checking the levels horizontally and vertically and control the spaces between the tiles. Remove all excess adhesive with the spatula or a clean wet cloth.

Panel assembly can be facilitated with large format tile levelling systems (e.g. Rubi Tile Level Kit).

CUTTING

Concrete tiles should be cut with the angle grinder and diamond cutting disc used for stone, porcelain or concrete.

PROTECTION

It is recommended that, to use the tiles properly, their surface should be impregnated with widely available impregnating agents specifically designed for concrete. It will be necessary to impregnate tiles used as facings in wet areas, floor linings, kitchen backsplashes, and mantel pieces or on outside claddings. Material should be impregnated prior to pointing to

prevent discoloration. When selecting impregnating sealers, please consider any potential colour changes or changes in the surface sheen that can be caused by this process. Impregnation must meet operational requirements, paying special attention to their properties and functioning. The warranty does not cover flaws caused by application of impregnating agents. Be aware that impregnation of the product does not fully protect the product from staining or soiling, and it is necessary to immediately remove all factors that can cause staining.

MAINTENANCE

Clean the panels with slightly wet cloth or vacuum the panels regularly to remove all dust. General household cleaners may be too aggressive and are likely to damage the sealants and finishes applied. Always check cleaning product before use on the small hidden part of the surface.

DISPOSAL

Dispose of in compliance with all local and national regulations. Waste of concrete products are normally classified as, non-hazardous, but should not be co-disposed with municipal waste.

DISCLAIMER

We reserve the right to amend the details contained within this document without prior notice. Material can have minor manufacturing characteristics present such as colour fluctuation 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. Final results largely depends on the tiler skills and his experience with art tiles fitting.