



Beaumont Tiles Specification SR0777 - 2

Installation of Large Format Tiles to Concrete Floor Slab

Scope:

Adhesive fixing of ceramic and/or porcelain tiles (excluding moisture sensitive natural stone) larger than 400 x 400mm in size, to prepared concrete floors internally & externally.

This general specification is to be read in conjunction with the nominated product data sheets. Additional information may be provided in Ardex Technical Bulletins relevant to this application.

Substrate Preparation:

Concrete to have completed the recommended (AS3958) 4 – 6 weeks curing & drying period and wood float finished. Smooth steel float finished concrete is to be scarified and contaminants such as curing compounds, laitance, oily residues, paint over-spray and debris from other trades are to be removed by mechanical means such as diamond grinding, shot blasting or similar treatments to achieve an open pored surface. Vacuum to remove dust.

Large format tiles are best laid on a flat surface and levelling may be required. Prime the prepared surface with **Ardex Multiprime** primer and let dry. Apply **Ardex LQ92** Levelling cement and let dry prior to adhesive fixing the tiles.

Tiling

Adhesive fix the tiles using one of the following Ardex - ABA adhesives.

Abaflex, Glueplus, Powerstik, Super Tileset, Glue. Optima and X78

Spread the mixed adhesive with a 12 x12mm minimum size notched trowel so that all adhesive lines are parallel. Place the tile, and while pressing firmly down, slid the tile back and forth across the lines of adhesive to collapse the lines and achieve full coverage. Occasionally lift tiles to check full contact has been achieved between the tile and the substrate with no voids in the adhesive layer. If necessary to achieve full contact at the recommended adhesive bed thickness, spread the adhesive with a larger size notched trowel and/or butter additional adhesive directly onto the back of each tile.

Grouting

Once the adhesive has set for 24 hours, grout the tiles using one of the following cement based grouts with or without added Ardex Grout Booster

Ardex FG8 sanded grout for joints 1 – 8mm,

Ardex FS-DD unsanded grout for joints 1 – 4mm

Movement Joints

Movement joints are to be included in the tile finish in accordance with the recommendations of AS3958. These joints are to be (minimum) 6mm wide and raked free of grout and adhesive. These joints are to be filled with a flexible sealant such as the Ardex SE silicone sealant (with backing rod in deeper joints)

