



Beaumont Tiles Specification SRO777 - 10

Installation of Tiles to Internal Plasterboard Walls

Scope:

Adhesive fixing of ceramic and/or porcelain tiles (excluding moisture sensitive natural stone) in all sizes onto internal plasterboard walls surfaces including water resistant (WR grade) sheets and surfaces that have been coated with an applied waterproofing membrane. This installation is subject to the load carrying capacity of the wall substrates and, as a guide, tile finishes in excess of 32k/m² and/or higher than 3m up the wall, shall include additional mechanical support systems to limit possible cohesive failure of the sheet wall substrate due to the weight of the tiles.

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

Substrate Preparation:

All plasterboard wall linings shall be installed in accordance with the sheet manufacturers' recommendations. All surfaces must be dry and free of all contaminants such as paint over-spray and other applied coatings.

Waterproofing membrane

Waterproofing membranes (where required) can be applied directly onto plasterboard surface. Any plasterboard areas such as the sheet joints that have been smoothed with proprietary fillers must be primed with Ardex Multiprime and let dry prior to application of membranes and/or tile adhesives.

Waterproofing membrane compatible with the tile adhesives are;

ABA Waterproofer, Ardex WPM002, Ardex WPM155 and Barrierflex

Tiling

Adhesive fix the tiles directly onto plasterboard surfaces using one of the following Ardex - ABA adhesives.

Abamastic, Abamastic Plus, Abaflex, Glueplus, Barrierflex, Floorflex Powerstik, MPP, Abafix and Abastik

Adhesive fix the tiles onto the Ardex -ABA waterproofing membrane using one of the following adhesives;

Abaflex, Glueplus, Floorflex, Barrierflex, Powerstik and MPP

Spread the mixed adhesive with a 10 x10mm 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 prior to filling with a flexible sealant such as the Ardex SE silicone sealant (with backing rod in deeper joints).