



HIGH PERFORMANCE  
FLOORING AND TILING PRODUCTS

CI/SfB

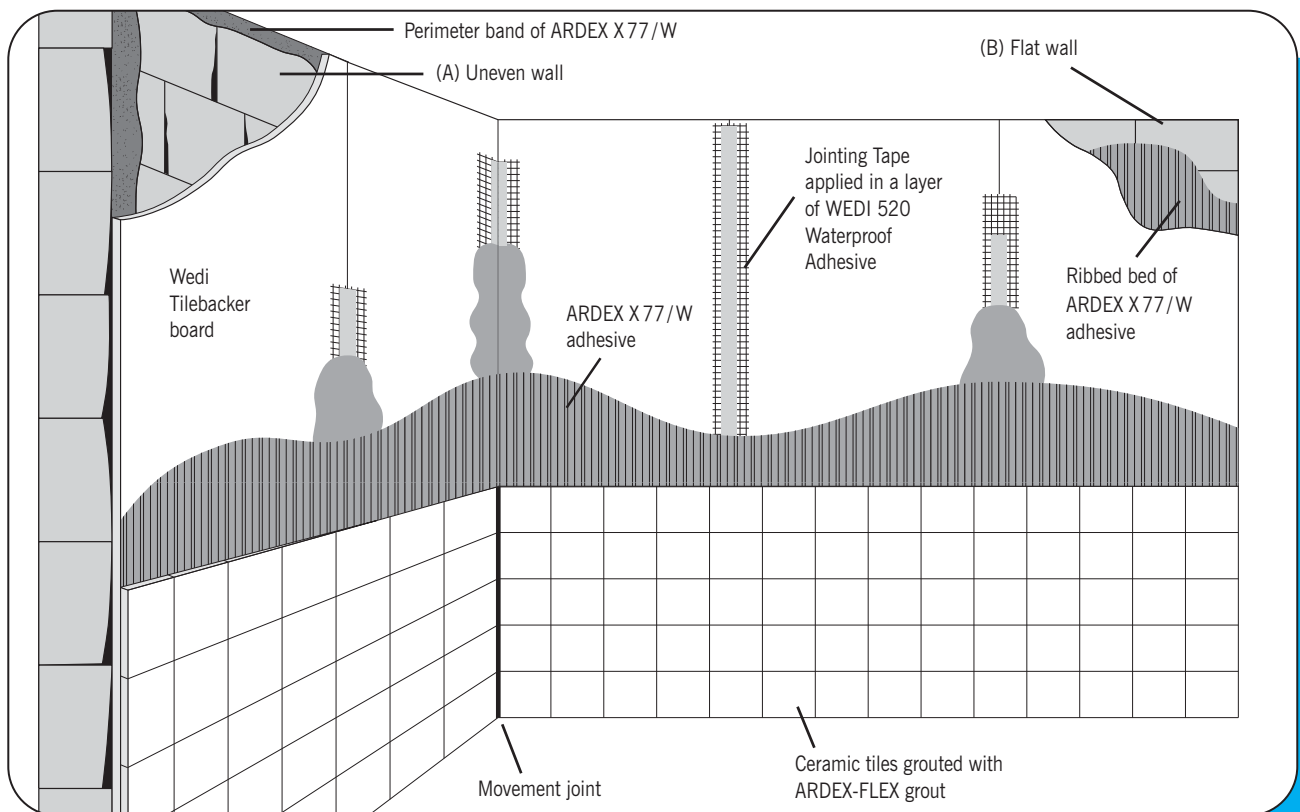
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JUNE 2015  
(SUPERSEDES JUNE 2011)  
PRODUCT DATA SHEET



## Fixing Ceramic Wall Tiles to wedi® Tilebacker

WEDI TILEBACKER IS DESIGNED TO BE A STABLE, WATERPROOF TILE BED IN SHOWERS AND WET AREAS.



### DIRECT BONDING

This system applies to clean, sound brick, block or concrete walls. This advice is intended for general guidance and greater detail can be obtained by consulting the relevant product data or contacting the manufacturers of the materials used.

#### ADHESIVE STRIPS OR MORTAR DABS - (A) Uneven wall surface:-

The Wedi Tilebacker board (minimum thickness 10mm) is cut to length. The ARDEX X77/W is applied to the wall surface to provide perimeter strips or dabs of adhesive to receive the Wedi Tilebacker board. Whilst the adhesive is still fresh and moist the Wedi Tilebacker board is placed on the wall and, using a timber batten, thoroughly beaten in to ensure good all round contact and a true surface. The adhesive should be allowed to set and harden before the jointing tape (TT25 Glass Fibre Jointing Tape or WT50 Waterproof Joint Sealing Tape) is applied in a fresh layer of WEDI 520 Waterproof Adhesive with a taping knife, or similar, so that it is firmly bedded and free from trapped air bubbles. Immediately after the tape has been fixed, a fresh layer of adhesive is applied over it and feathered off with the surface of the board. When this adhesive has set, but not necessarily dried, the tiles can be fixed with ARDEX X77/W adhesive.

#### THIN BED ADHESIVE - (B) Flat wall surface:-

The ARDEX X77/W, is applied either to the existing sound wall surface or directly to the Wedi Tilebacker board (minimum thickness 4mm) and combed out with a 8mm x 8mm toothed and notched trowel over the complete board area to provide a ribbed adhesive bed. The board is then offered up to the wall surface and tapped up true. The boards are butt jointed and all joints are reinforced with the appropriate jointing tape fixed in WEDI 520 Waterproof Adhesive, as previously described.

### DOWEL FIXING ONLY

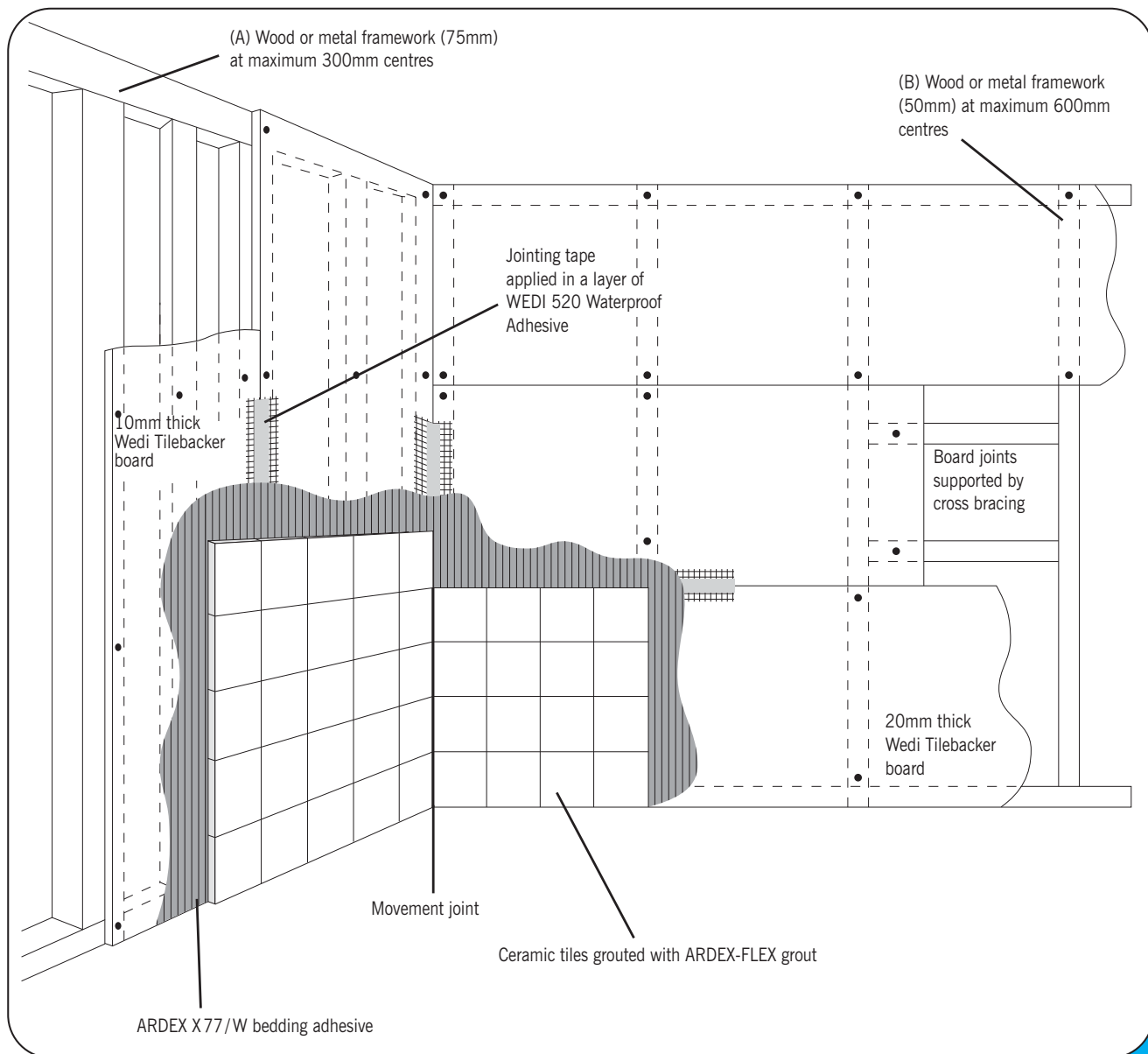
Where the wall is flat but either surface preparation cannot be provided and contamination will prevent adhesion, or where the surface is insufficiently sound but the wall structure beneath is solid, the Wedi Tilebacker board can be fixed using Wedi dowel fixings at the rate of 5 per square metre. The joint between the boards should be sealed with the jointing tape using WEDI 520 Waterproof Adhesive as previously described.

### TILE FIXING

The ceramic tiles should be bedded on the Wedi Tilebacker boards once the ARDEX X77/W adhesive securing the boards to the wall has set and hardened adequately. The tiles should be fixed using ARDEX X77/W adhesive. Wedi Tilebacker board will support tiling up to 60kg/m<sup>2</sup>.

**NOTE:** In wet areas the tiles should be fixed using the thin solid bed fixing technique to ensure no voids are left behind the tiles. Once the tile bed has hardened sufficiently, the joints between the tiles can be grouted with the appropriate ARDEX-FLEX cement-based grout. Movement joints in the tile bed e.g. between adjacent walls, should be sealed with a suitable sealant.

This Wedi/ARDEX system should be installed in accordance with the BBA agreement certificate 00/3675.



## STUD WALLING / PARTITIONS

This system uses timber or metal studding that should be designed to provide rigid support for the Wedi Tilebacker board. This advice is intended for general guidance and greater detail can be obtained by consulting the relevant product data or by contacting the manufacturers of the materials used.

### FIXING THE WEDI TILEBACKER BOARD

Wedi Tilebacker board is fixed to the framework using a proprietary washer (PW60) and screw fixing. These are fixed at the rate of 5 per square metre at two per batten (600mm centres). The fixings must be a minimum of 30mm from the edge of the Wedi Tilebacker board. The screw washer fixing is tightened up to the board's surface. The washer is then driven flush to the board surface using a rubber headed mallet and the screw re-tightened. All joints are reinforced with jointing tape (TT25 Glass Fibre Jointing Tape or WT50 Waterproof Joint Sealing Tape) applied in a fresh layer of WEDI 520 Waterproof Adhesive with a taping knife (or similar) so that it is firmly and solidly bedded in. Immediately after the tape has been fixed, a fresh layer of adhesive is applied over it and feathered off with the surface of the board. When this adhesive has set, but not necessarily dried, the tiles can be fixed with ARDEX X77/W adhesive.

### TILE FIXING

The ceramic tiles should be fixed using ARDEX X77/W adhesive. Wedi Tilebacker board will support tiling up to 60kg/m<sup>2</sup>.

**NOTE:** In wet areas the tiles should be fixed using the thin solid bed fixing technique to ensure no voids are left behind the tiles. Once the tile bed has hardened sufficiently, the joints between the tiles can be grouted with the appropriate ARDEX-FLEX cement-based grout. The movement joints in the tile bed between adjacent walls should be sealed with a suitable sealant.

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NOTE: The information supplied in our literature or given by our employees is based upon extensive experience and, together with that supplied by our agents or distributors, is given in good faith in order to help you. Our Company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however, as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

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