



HIGH PERFORMANCE
FLOORING AND TILING PRODUCTS

CI/SfB

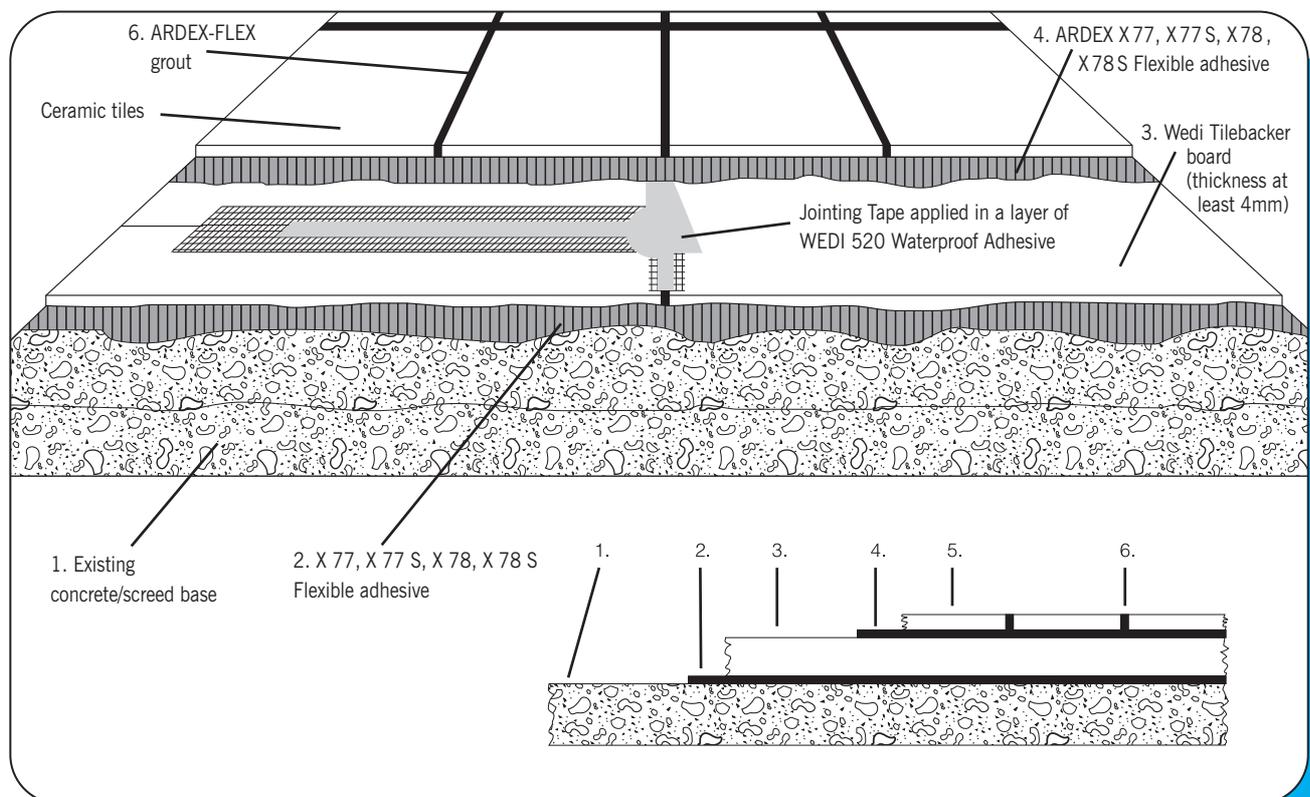
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JUNE 2015
(SUPERSEDES JUNE 2011)
PRODUCT DATA SHEET



Fixing Ceramic Floor Tiles to wedi® Tilebacker

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



CONCRETE FLOORS

Existing concrete bases and screeds should be mechanically prepared removing all traces of existing finishes, contamination, etc., to expose a clean surface. New concrete or screed bases should be adequately cured and dried to allow shrinkage to occur prior to fixing the Wedi Tilebacker boards. The Wedi Tilebacker boards should be bedded onto the prepared base using ARDEX X 77, X 77 S, X 78, X 78 S cement-based adhesive. The adhesive mortar should be trowelled out and combed through with the recommended notched trowel to give a ribbed bed, any slight depressions being filled by the mortar. The Wedi Tilebacker boards should be laid on the freshly applied ribbed bed of adhesive and thoroughly bedded in to ensure that, as far as is practicable, no voids are left beneath the boards and they are solidly supported. All boards should be laid with staggered joints.

The ARDEX X 77, X 77 S, X 78, X 78 S adhesive must be allowed to harden before the joints are taped using the appropriate jointing tape (TT25 Glass Fibre Jointing Tape or WT50 Waterproof Joint Sealing Tape), applied in a fresh layer of WEDI 520 Waterproof Adhesive 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 boards.

When this adhesive has set but not necessarily dried, the tiles can be fixed with ARDEX X 77, X 77 S adhesive.

Alternatively, where a semi-pourable adhesive is required, particularly for large format tiles ARDEX X 78 or X 78 S may be used.

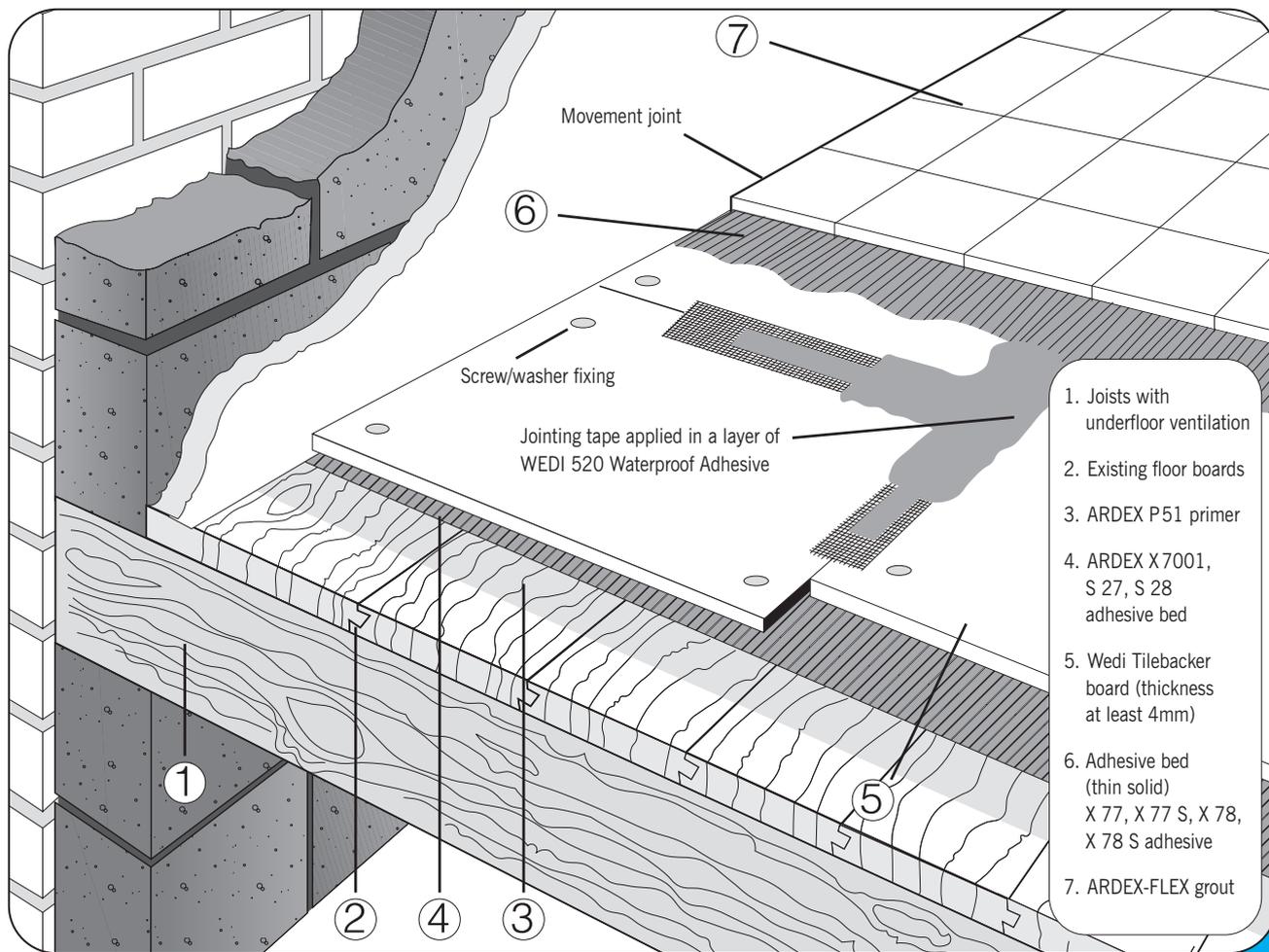
TILE FIXING

Tiles should be fixed using a thin solid bed fixing technique to ensure no voids are left behind the tiles. Minimum tile size is 100 x 100mm. Once the tile bed has hardened sufficiently, the joints between the tiles can be grouted using the appropriate ARDEX-FLEX grout.

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

MOVEMENT JOINTS

The Wedi Tilebacker boards must not bridge movement joints in the sub-floor. The integrity of such joints should be maintained through the board/tile bed and should be sealed in the appropriate manner.



SUSPENDED TIMBER FLOOR

Ensure that adequate underfloor ventilation is provided. Existing floorboards should be securely and rigidly fixed (refer to BS EN 1533 : 2010 regarding minimum floor stiffness and rigidity).

(A) Up to 20m² maximum

The surface of the floorboards should be primed with undiluted ARDEX P51 primer, applied as a thin even coat using a brush or broom, and allowed to dry. The Wedi Tilebacker board (minimum thickness 4mm) should be bedded onto the dry primed floor using ARDEX X 7001, S 27, S 28 adhesive. The ARDEX adhesive should be trowelled out and combed through with the recommended notched trowel to give a ribbed bed, any slight depressions being filled by the mortar. The Wedi Tilebacker boards should be laid on the freshly applied ribbed bed and thoroughly bedded in to ensure that, as far as is practicable, no voids are left beneath the boards and they are solidly supported.

Alternatively, any depressions in the timber floor can be smoothed flush with ARDITEX NA sub-floor smoothing compound and be left to harden and dry prior to mechanically fixing the Wedi Tilebacker boards. All boards should be laid with staggered joints. When the adhesive has hardened, all board 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. Immediately after the tape has been fixed, a fresh layer of adhesive is applied over it and feathered off with the surface of the boards. When this adhesive has set but not necessarily dried, the boards should be supplementary fixed using a screw fixing and

proprietary washer (PW60). These are fixed at the rate of 5 per square metre. The fixings should be a minimum of 30mm from the edge of the Wedi Tilebacker board. The screw washer fixing is tightened into the board until the screw head is flush with the surface. If required, it may be driven flush with the board surface using a rubber headed mallet and the screw re-tightened. In wet areas, we recommend that the fixing hole be primed with silicone sealant prior to inserting the fixing.

(B) Over 20m²

Proceed as described in (A) up to and including taping of the joints. Prior to application of the mechanical fixings, a layer of glass fibre mesh fabric TT60 should be placed over the boarded floor area and tacked in place by the means of the screw/washer fixings. These serve to hold the mesh in place when the layer of adhesive is subsequently applied to bed the tiles.

TILE FIXING

Tiles should be fixed in ARDEX X 77 / X 77 S adhesive using a thin solid bed fixing technique to ensure no voids are left behind the tiles. Minimum tile size is 100 x 100mm. Alternatively, where a semi-pourable adhesive is required, particularly for large format tile ARDEX X 78 or X 78 S may be used. Once the tile bed has hardened sufficiently, the joints between the tiles can be grouted using the appropriate ARDEX-FLEX grout.

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

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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