



HIGH PERFORMANCE
FLOORING AND TILING PRODUCTS



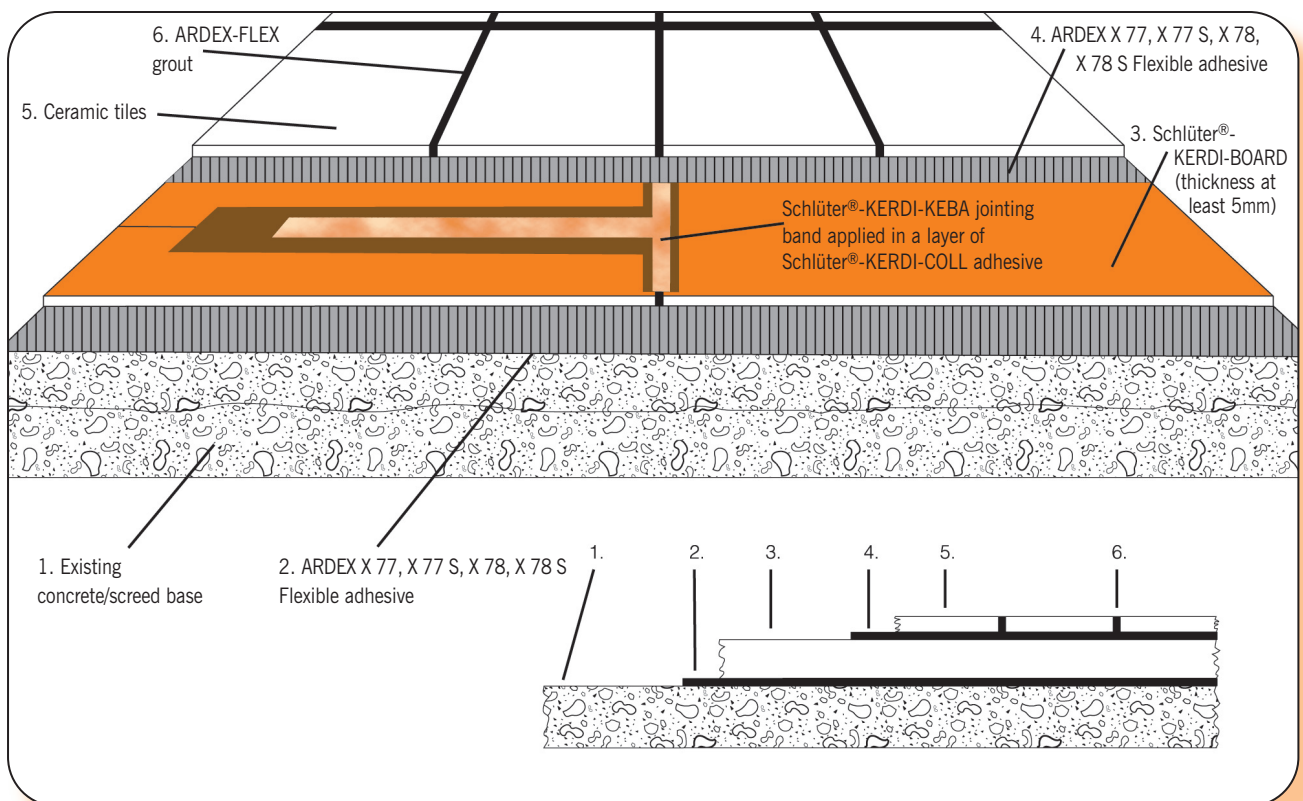
CI/SfB

(43)

JUNE 2015
(SUPERSEDES FEBRUARY 2011)
PRODUCT DATA SHEET

PROFILE OF INNOVATION

Schlüter®-KERDI-BOARD IS DESIGNED TO BE A STABLE, WATERPROOF TILE BASE 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 Schlüter®-KERDI-BOARD.

Schlüter®-KERDI-BOARD should be bedded onto the prepared base using ARDEX X 77, X 77 S, X 78, X 78 S cement-based adhesive. The ARDEX X 77, X 77 S, X 78, X 78 S 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. Schlüter®-KERDI-BOARD 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.

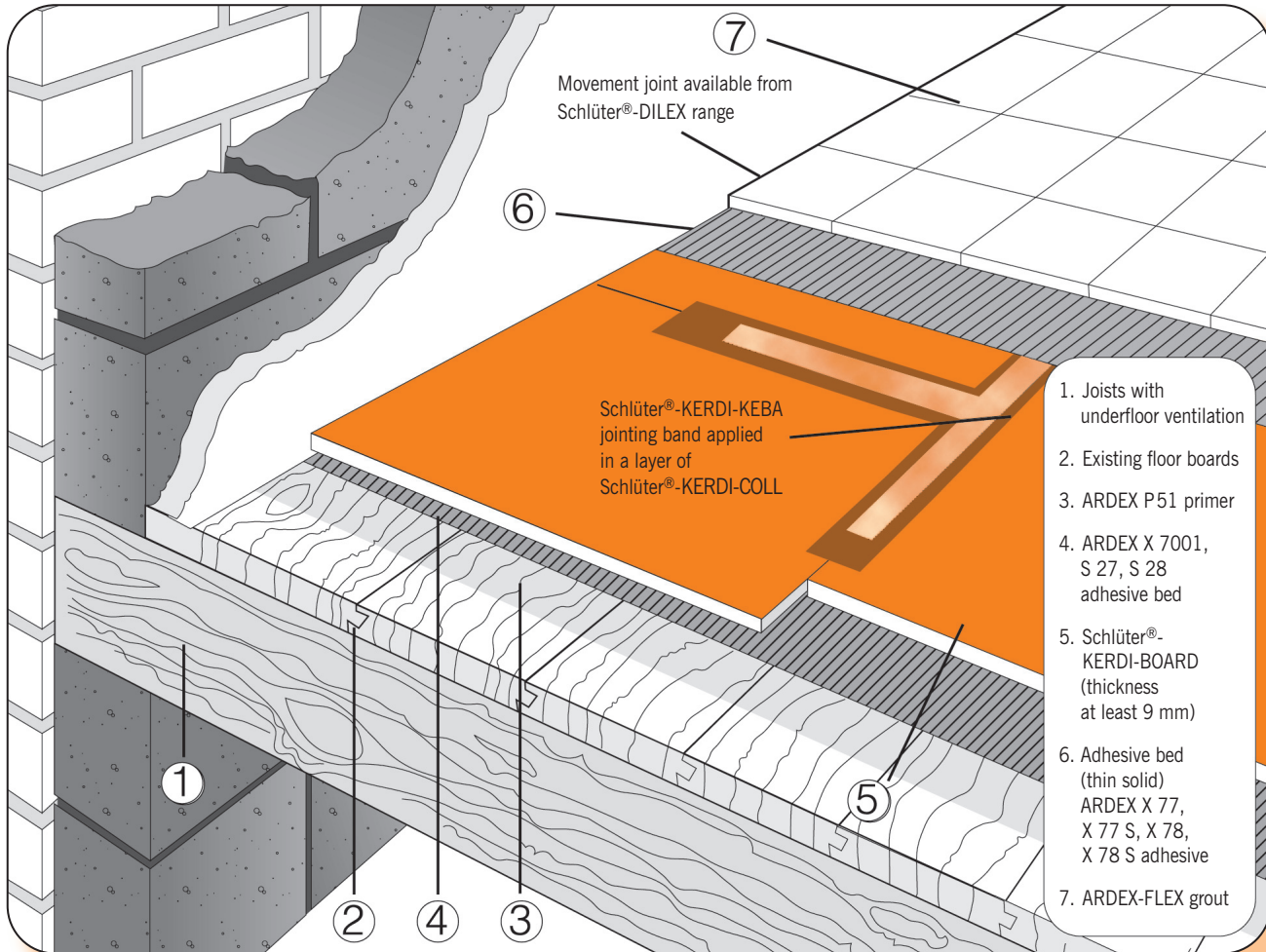
The ARDEX X 77, X 77 S, X 78, X 78 S adhesive must be allowed to harden before the joints are taped using Schlüter®-KERDI-KEBA sealing band, adhered with Schlüter®-KERDI-COLL adhesive with a taping knife, or similar, so that it is firmly bedded and free from trapped air bubbles. When this adhesive has set the tiles can be fixed with ARDEX X 77, X 77 S, X 78, X 78 S adhesive.

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 50 x 50 mm. Once the tile bed has hardened sufficiently, the joints between the tiles can be grouted using the appropriate ARDEX-FLEX grout.

MOVEMENT JOINTS

Schlüter®-KERDI-BOARD 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 finished with the appropriate Schlüter®-DILEX movement joint profile and in accordance with BS 5385-3: 2014.



SUSPENDED TIMBER FLOOR

Ensure that adequate underfloor ventilation is provided. Existing floorboards should be securely and rigidly fixed (refer to BS EN 1995-1-1: 2004 regarding minimum floor stiffness and rigidity).

The surface of the floorboards should be prepared as necessary to remove any barriers to adhesion e.g. by sanding, and primed with undiluted ARDEX P51 primer, applied as a thin even coat using a brush or broom, and allowed to dry. Schlüter®-KERDI-BOARD (minimum thickness 9mm) should be bedded onto the dry primed floor using ARDEX X 7001, S 28, S 28 adhesive.

The 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. Schlüter®-KERDI-BOARD 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, following sanding down and priming of the floor with undiluted ARDEX P 51 primer, be smoothed flush with ARDITEX NA sub-floor smoothing compound and be left to harden and dry prior to fixing Schlüter®-KERDI-BOARD.

All boards should be laid with staggered joints. When the adhesive has hardened, all board joints are taped with Schlüter®-KERDI-KEBA jointing band, adhered with Schlüter®-KERDI-COLL adhesive, with a taping knife, or similar, so that it is firmly and solidly bedded.

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.

TILE FIXING

Tiles should be fixed in ARDEX X77, X77 S, X78, X78 S adhesive using a thin solid bed fixing technique to ensure no voids are left behind the tiles.

Minimum tile size is 50 x 50 mm. Once the tile bed has hardened sufficiently, the joints between the tiles can be grouted using the appropriate ARDEX-FLEX grout.

MOVEMENT JOINTS

Schlüter®-KERDI-BOARD 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 finished with the appropriate Schlüter®-DILEX movement joint profile and in accordance with BS 5385-3: 2014.

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