



HIGH PERFORMANCE
FLOORING AND TILING PRODUCTS

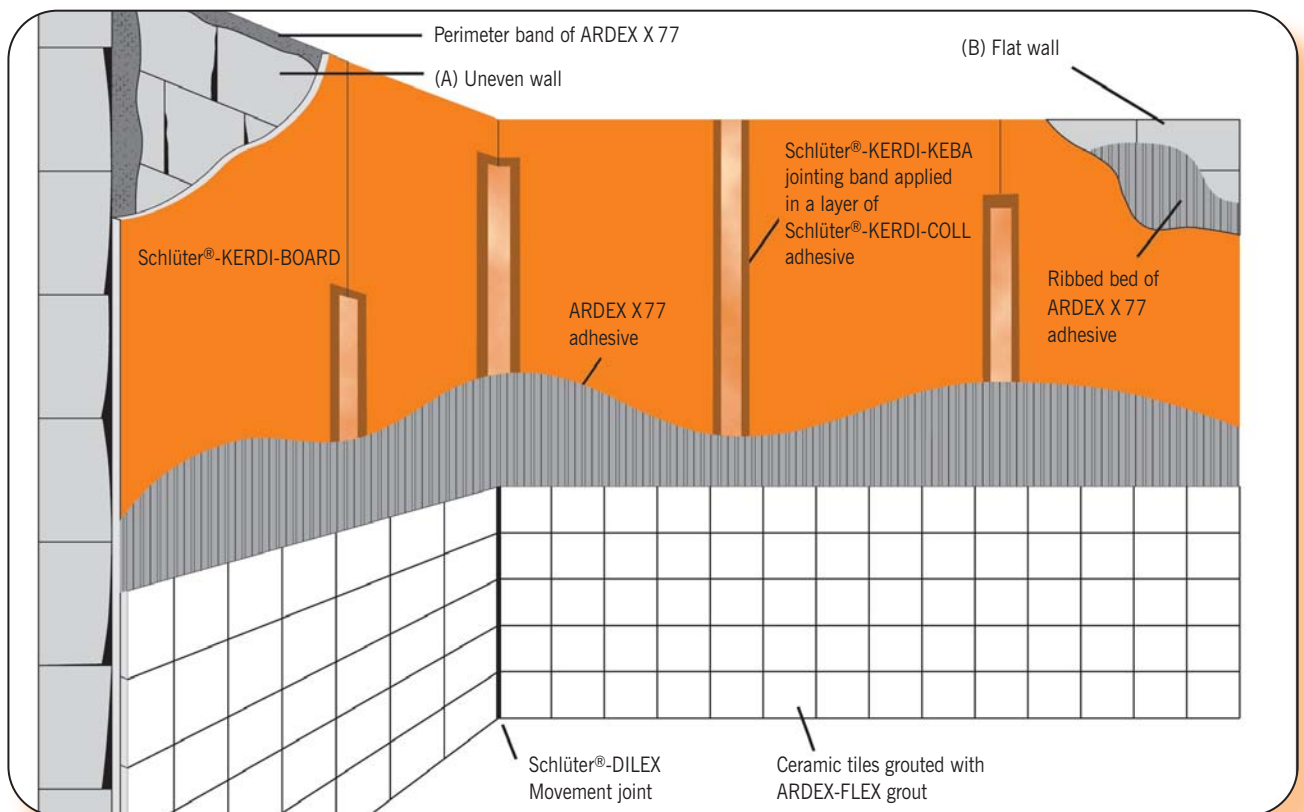
CI/SfB

(22)

JUNE 2015
(SUPERSEDES FEBRUARY 2011)
PRODUCT DATA SHEET



PROFILE OF INNOVATION



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 Schlüter®-KERDI-BOARD (minimum thickness 12.5mm) is cut to length. The ARDEX X 77 is applied to the wall surface to provide perimeter strips and dabs of adhesive at specified centres (300mm) to receive Schlüter®-KERDI-BOARD. Whilst the adhesive is still fresh and moist the Schlüter®-KERDI-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 Schlüter®-KERDI-KEBA jointing band is applied in a fresh layer of 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/W adhesive.

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

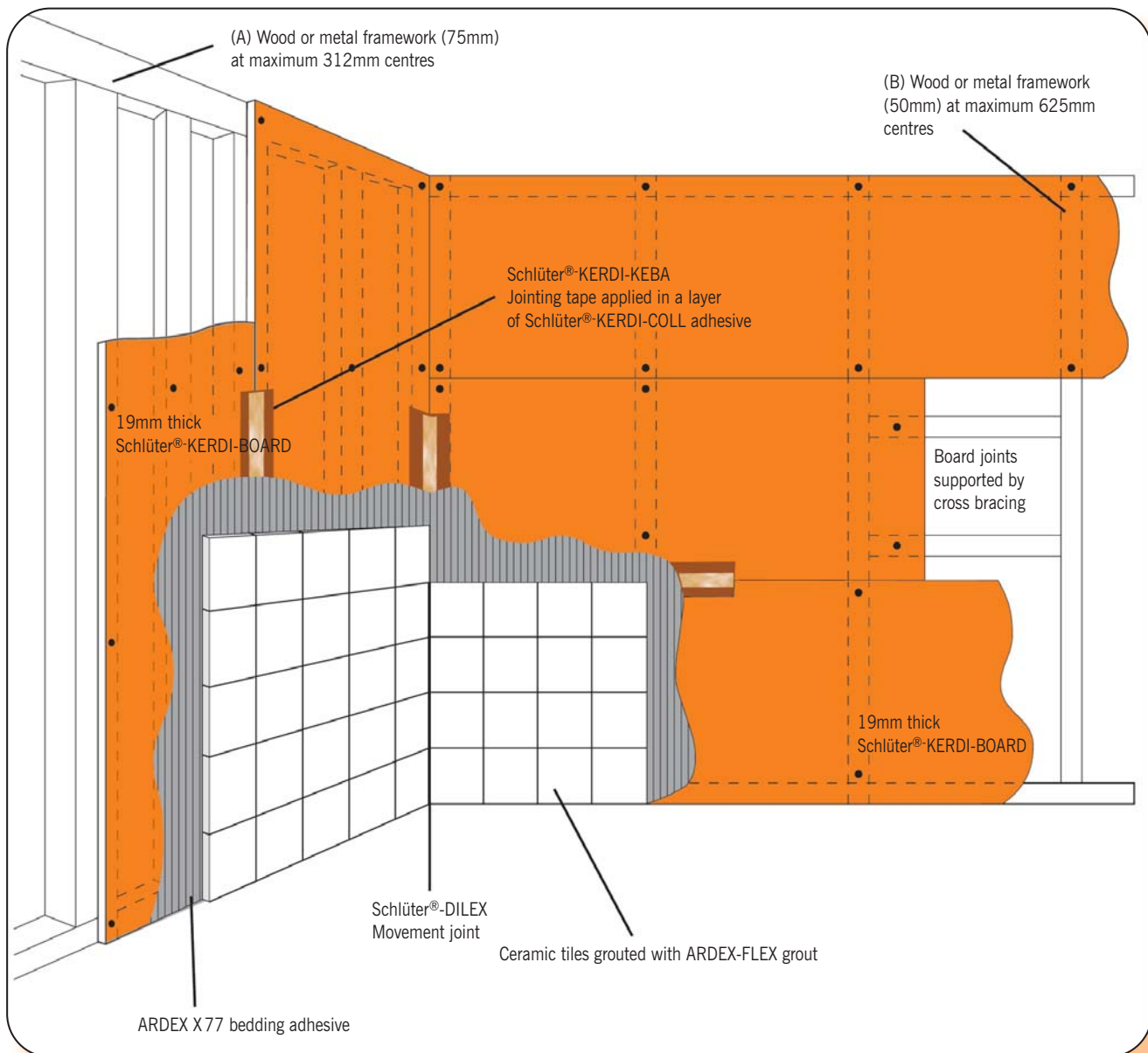
The ARDEX X 77, is applied either to the existing sound wall surface or directly to Schlüter®-KERDI-BOARD (minimum thickness 9 mm) and combed out with an 8 mm x 8 mm toothed and notched trowel over the complete board area to provide a ribbed adhesive bed. The board is then offered up to the wall surface and tapped up true. The boards are butt jointed and all joints are treated with the Schlüter®-KERDI-KEBA jointing band fixed in Schlüter®-KERDI-COLL adhesive, as previously described.

TILE FIXING

The ceramic tiles should be bedded on the Schlüter®-KERDI-BOARD once the ARDEX X 77 adhesive securing the boards to the wall has set and hardened adequately. The tiles should be fixed using ARDEX X 77/W adhesive.

NOTE: that 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/ Schlüter movement joint profile and in accordance with BS 5385-1: 2009.

NOTE: The weight of the tiling should not exceed 60kg/m².



STUD WALLING / PARTITIONS

This system uses timber or metal studding that should be designed to provide rigid support for the Schlüter®-KERDI-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.

The minimum thickness of Schlüter®-KERDI-BOARD suitable for such a layout is 19mm. (Maximum unsupported span 625mm). Thinner boards can be used if stud centres are closer, please contact us for advice.

FIXING THE SCHLÜTER®-KERDI-BOARD

Schlüter®-KERDI-BOARD is fixed to the framework using Schlüter washers and screw fixings. These are fixed at the rate of five per square metre at two per batten (625mm centres). 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 retightened. All joints are reinforced with Schlüter®-KERDI-KEBA jointing band applied in a layer of Schlüter®-KERDI-COLL adhesive with a taping knife (or similar) so that it is firmly and solidly bedded in. When this adhesive has set, the tiles can be fixed with ARDEX X 77/W adhesive.

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

The ceramic tiles should be fixed using ARDEX X 77/W adhesive.

NOTE: that 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/Schlüter movement joint profile and in accordance with BS 5385-1: 2009.

NOTE: the weight of the tiling should not exceed 60kg/m².

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