

Title (en)
AN ANCHORING RAIL AND A WALL ANCHORING SYSTEM FOR INSULATED WALLS

Title (de)
VERANKERUNGSSCHIENE UND WANDVERANKERUNGSSYSTEM FÜR ISOLIERTE WÄNDE

Title (fr)
RAIL D'ANCRAGE ET SYSTÈME D'ANCRAGE POUR PAROIS ISOLÉES

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Abstract (en)
The present invention concerns a wall anchoring system for an insulated outer building wall, said wall anchoring system comprises a inner wall, an insulation layer and an outer wall, particularly a brick or masonry layer, as the outer protective cover of such building wall; at least one anchoring rail, which is provided on the exterior side of the insulation layer and secured to the inner wall by a plurality of fasteners extending through the insulation layer; said anchoring rail comprising an anchoring rail profile defining a rail longitudinal direction; said anchoring rail profile comprising a base portion extending in a wall plane and in the rail longitudinal direction with openings for receiving anchoring rail fasteners with fastener heads having a fastener head height and a fastener head width, and two longitudinal side flanges disposed opposite each other on each side of said base portion, said side portions extending the rail longitudinal direction and out of the wall plane of the base portion, said side flanges having a first side facing away from the base portion; a retention portion is provided on each of the side flanges so that the two retention portions on the side flanges are projecting toward one another defining a profile slot between each other, said slot having a predetermined width, said retention portions being provided at a first distance from the base portion and the slot is adapted to receive at least one fixing, wherein the retention portions are adapted to clamp the fastener head to retain a fastener, and the width of the slot is less the fastener head width and the first distance is the same as the fastener head height.

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Citation (applicant)

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