



ECAP[®] DOWEL PN 8

FIXING DOWEL FOR EXTERNAL WALL INSULATION SYSTEMS

ECAP [®] DOWEL PN 8 Fixing dowel for external wall insulation systems	
PRODUCT	Fixing dowel for external wall insulation systems (EWIS) with fiber-reinforced nail (GRP).
SUPPORTING MATERIALS	<ul style="list-style-type: none"> · Building materials class A, B, C, D, E; · Concrete; · Solid brick; · Solid brick of calcium silicate; · Solid block of lightweight aggregate concrete; · Vertically perforated tile block; · Vertically perforated calcium silicate block; · Hollow block of lightweight aggregate concrete; · Lightweight concrete. · Autoclaved aerated concrete (cellular).
APPLICATIONS	<ul style="list-style-type: none"> · Fixing of composite system boards for external wall insulation systems (EWIS) on concrete and masonry; · Surface flush installation of insulating materials for composite external wall insulation systems, e.g. polystyrene and mineral wool.
FUNCTIONING	<ul style="list-style-type: none"> · The fixing is suitable for the flush installation. · Easy and quick installation by inserting the fiber-reinforced (GRP) nail using a hammer. · The non-bearing layers, as the existing adhesive and plaster, are included in the maximum length.
ADVANTAGES	<ul style="list-style-type: none"> · Push-through installation using a hammer. · The disc fits perfectly to the insulation board thanks its thickness of 2,5 mm. This allows the application of thinner smoothing mortar layers. · High retention strength thanks the fiber-reinforced plastic nail. · The low anchorage depth of 35 mm reduces the drilling time. · The fixing dowel does not create thermal bridges thanks its fiber-reinforced plastic nail with value Chi 0,000 (W/K). · The compression area of the stem allows the disc to be precisely inserted into the insulating panel. · It can be combined with the insulating disc ECAP[®] Rosetta Maggiorata (verify the available diameters in our <i>Price List</i>) for soft insulating materials. · For insulating materials of thickness up to of 180 mm.
CERTIFICATIONS	Certified for classes of building materials A, B, C, D, E.



Thermal Insulation & Chemicals Division



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TECHNICAL DATA	Dowel:	PN 8 110	PN 8 130	PN 8 150	PN 8 170	PN 8 190	PN 8 210	PN 8 230
	Drill hole \varnothing mm:	8	8	8	8	8	8	8
	Minimum drill hole depth mm:	45	45	45	45	45	45	45
	Effect. anchorage depth mm:	35	35	35	35	35	35	35
	Anchorage length mm:	108	128	148	168	188	208	228
	Maximum length mm:	70	90	110	130	150	170	190
	Disc \varnothing mm:	60	60	60	60	60	60	60
	Packaging (pcs. per box):	100	100	100	100	100	100	100

All the indications provided in this technical data sheet are purely approximate and not binding for legal purpose. The data listed has been gathered from laboratory tests and it hence follows that in practical applications on building sites the final characteristics of the products may be subject to substantial variations depending on the meteorological conditions and the installation. The user must always check suitability of the product for its specific use, undertaking all liability implicit in and deriving from use of the product, as well as comply with all methods and instructions for use generally referable to "workmanlike" execution. Edilteco S.p.A. reserves the right to change the contents of this mechanical data sheet on its final judgements. The spreading of this data sheet through any media, supersedes and cancels the validity of any other technical data sheet previously published.



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