



ECAP[®] DOWEL CN 8

FIXING DOWEL FOR EXTERNAL WALL INSULATION SYSTEMS

ECAP [®] DOWEL CN 8 Fixing dowel for external wall insulation systems	
PRODUCT	Fixing dowel with high external wall insulation systems (EWIS) performances with composite pin.
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 system (EWIS) on concrete and masonry; · Surface flush installation of standard insulating materials for external wall insulation system (EWIS), e.g. polystyrene and mineral wool.
FUNCTIONING	<ul style="list-style-type: none"> · The fixing dowel is suitable for the flush installation. · Easy and fast application with the insertion of a composite 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"> · It can be installed with a hammer. · The disc perfectly fits with the insulating board thanks its thickness of 2,5 mm. This allow the application of thin smoothing layers. · High retention strength thanks the steel tip of the composite nail. · The low anchorage depth of 35 mm reduces the drilling time. · ECAP[®] Dowel CN 8 does not create thermal bridges thanks its composite nail. · The compression area of the stem allows the disc to be precisely inserted into the insulating board. · 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 340 mm.
CERTIFICATIONS	Certified for building materials class A, B, C, D, E.



Thermal Insulation & Chemicals Division



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QUALITY SYSTEM
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TECHNICAL DATA	Dowel:	CN 8 110	CN 8 130	CN 8 150	CN 8 170	CN 8 190	CN 8 210	CN 8 230	CN 8 250
	Drill Hole \varnothing mm:	8	8	8	8	8	8	8	8
	Minimum anchorage depth mm:	45	45	45	45	45	45	45	45
	Effect. anchorage mm:	35	35	35	35	35	35	35	35
	Anchorage length mm:	108	128	148	168	188	208	228	248
	Maximum length mm:	70	90	110	130	150	170	190	210
	Disc \varnothing mm:	60	60	60	60	60	60	60	60
	Packaging (pcs. per box):	100	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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