



ECAP[®] DOWEL CS II 8

FIXING DOWEL
FOR EXTERNAL WALL INSULATION SYSTEMS

ECAP[®] DOWEL CS II 8 Fixing dowel for external wall insulation systems

PRODUCT	High performing fixing dowel for external wall insulation systems, with steel/plastic pin.
SUPPORTING MATERIALS	· 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	· Fixing of composite system boards for external wall insulation system (EWIS) on concrete and masonry; · Surface flush installation of standard insulating materials; · Recess-mounting installation of insulating materials as polystyrene foam boards (XPS) and high density mineral wool panels. · Fixing of insulating panels on new buildings or energy upgrading on existing buildings.
FUNCTIONING	· Do the hole in the wall choosing a proper bit, according to the kind of support, the insulating panel's thickness and the type of application (flush or recess-mounting installation). · Place the dowel inside the hole and push it. · For flush installation, without using the specific tool, screw the dowel until the rosette reaches the surface of external side of the insulating panel. · It is possible to use the installation tool also for flush installation, turning 180° the disc (smooth side towards the insulating material). Screw until the disc reaches the surface of the insulating panel. · For flush installation is not necessary to use any closing cap. · For recess-mounting installation use the specific tool with 4 milled pins towards the insulating panel. Screw until the disc reaches the surface of the insulating panel. · Close the entry hole of dowel using the specific insulating caps.
ADVANTAGES	· Thanks to the steel/plastic pin, all insulating panels on façades are safely fixed, fire barrier included. · The installation tool allows a recess-mounting application, very good to eliminate the façades signs caused by dowels. · Thanks to the expanding area, Ecap[®] Dowel CS II 8 is certified for holes made by roto-percussion on vertical hollow bricks. · The rosette shape and the information marked on the dowel allow an easy installation. · The rosette without openings avoids the exit of insulating material and guarantees a clean application. · The special under-head geometry reduces the couple necessary for the installation, guaranteeing the maximum simplicity and speed of installation.
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:	CS 8 115	CS II 8 135	CS II 8 155	CS II 8 175	CS II 8 195	CS II 8 215	CS II 8 235
	Drill hole ø mm:	8	8	8	8	8	8	8
	Anchorage length mm:	128	145	165	185	205	225	245
	Effect. anchorage depth mm:	35	32,5	32,5	32,5	32,5	32,5	32,5
	Minimum drill hole depth for flush installation mm:	40	40	40	40	40	40	40
	Maximum length for flush installation mm:	90	110	130	150	170	190	210
	Minimum drill hole depth for recess-mounting installation mm:	60	55	55	55	55	55	55
	Maximum length for recess-mounting installation mm:	90	110	130	150	170	190	210
	Print:	T30	T30	T30	T30	T30	T30	T30
	Packaging pcs.:	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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