



# ECAP<sup>®</sup> DOWEL CS 8

SCREWING DOWEL FOR EXTERNAL WALL INSULATION SYSTEMS

ECAP <sup>®</sup> DOWEL CS 8 Screwing dowel for external wall insulation systems	
PRODUCT	Screwing dowel with high external wall insulation system (EWIS) performances with steel / plastic pin.
SUPPORTING MATERIALS	<ul style="list-style-type: none"> <li>· Building materials class A, B, C, D, E;</li> <li>· Concrete;</li> <li>· Solid brick;</li> <li>· Solid brick of calcium silicate;</li> <li>· Solid block of lightweight aggregate concrete;</li> <li>· Vertically perforated tile block;</li> <li>· Vertically perforated calcium silicate block ;</li> <li>· Hollow block of lightweight aggregate concrete;</li> <li>· Lightweight concrete;</li> <li>· Autoclaved aerated concrete (cellular).</li> </ul>
APPLICATIONS	<ul style="list-style-type: none"> <li>· Fixing of composite system boards for external wall insulation system (EWIS) on concrete and masonry;</li> <li>· Surface flush installation of standard insulating materials;</li> <li>· Push-through installation of insulating materials as polystyrene foam boards (XPS) and high density mineral wool panels.</li> </ul>
FUNCTIONING	<ul style="list-style-type: none"> <li>· The dowel is pushed through the panel, into the drill hole and screwed.</li> <li>· For the push-through installation is necessary the CS tool.</li> <li>· Alternatively, the CS tool may be used for the surface flush installation by turning the disc.</li> <li>· For the push-through installation, the fixing washer shall be covered by the drill hole cover disc.</li> <li>· Using the installation tool, the installation can be considered complete when the disc flush the insulating panel.</li> </ul>
ADVANTAGES	<ul style="list-style-type: none"> <li>· The screw minimizes the thermal bridge. In this way there is no sign of dowels on the facade.</li> <li>· The push-through surface with the drill hole cover disc makes the surface smoothed for thinner smoothing layers.</li> <li>· Less wear of the nail and less drilling time thanks to the minimum depth of installation of 35 mm into the support.</li> <li>· With the flush installation, the disc is tapered to a thin edge, providing an optimal containment of the insulating panel and for the applications of thin smoothing mortars.</li> <li>· With the flush installation, the washer of the dowel may be combined the insulating disc ECAP<sup>®</sup> Rosetta Maggiorata (verify the available diameters in our <i>Price List</i>) for soft insulating materials.</li> <li>· For insulating materials of thickness up to of 340 mm.</li> <li>· Depth of standard installation for all the supporting materials.</li> </ul>
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 8 110	CS 8 130	CS 8 150	CS 8 170	CS 8 190	CS 8 210	CS 8 230	CS 8 250
	Drill hole $\varnothing$ mm:	8	8	8	8	8	8	8	8
	Anchorage length mm:	108	128	148	168	188	208	228	248
	Effect. anchorage depth mm:	35	35	35	35	35	35	35	35
	Minimum drill hole depth for flush installation mm:	45	45	45	45	45	45	45	45
	Maximum length for flush installation mm:	70	90	110	130	150	170	190	210
	Minimum drill hole depth for push-through installation mm:	-	60	60	60	60	60	60	60
	Maximum length for push-through installation mm:	-	90	110	130	150	170	190	210
	Print:	T30	T30	T30	T30	T30	T30	T30	T25
	Packaging pcs.:	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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