



# ECAP<sup>®</sup> DOWEL 6H-NT

SELF-TAPPING FIXING DOWEL  
FOR EXTERNAL WALL INSULATION SYSTEMS

ECAP <sup>®</sup> DOWEL 6H-NT Self-tapping fixing dowel for external wall insulation systems	
PRODUCT	High performative self-tapping fixing dowel for external wall insulation systems (EWIS) with certified Power-Fast screw on wooden supports.
SUPPORTING MATERIALS	<ul style="list-style-type: none"> <li>· Three-layers boards;</li> <li>· MDF boards;</li> <li>· OSB boards;</li> <li>· Particle boards;</li> <li>· Gypsum fiber boards;</li> <li>· Hardwood.</li> </ul>
APPLICATIONS	<ul style="list-style-type: none"> <li>· Fixing of boards for external wall insulation system (EWIS) on wooden substructures;</li> <li>· Installation of boards for external wall insulation system (EWIS) like eps boards;</li> <li>· Surface flush installation of boards composed of wooden soft fibers.</li> </ul>
FUNCTIONING	<ul style="list-style-type: none"> <li>· The fixing dowel is inserted using a specific element for the surface flush installation.</li> <li>· The CS tool is necessary for the push-through installation. It is used to correctly position and screw the fixing dowel. The drill hole must be sealed with a disc of insulating material, creating a smooth insulating surface.</li> <li>· The disc of the CS tool may be turned and used for the surface flush installation. It avoids to install the disc too deep.</li> </ul>
ADVANTAGES	<ul style="list-style-type: none"> <li>· Pre-assembly fixing dowel with certified Power-Fast screw. This guarantees a good adhesion to the supporting material.</li> <li>· The minimum depth of screwing (30 mm) guarantees a fast installation. It is not necessary the perforation.</li> <li>· The fixing discs may be combined with the insulating disc ECAP<sup>®</sup> Rosetta Maggiorata (verify the available diameters in our <i>Price List</i>), if used with very soft materials.</li> <li>· It is possible to make a push-through installation, using the CS tool, with soft materials.</li> <li>· For insulating material thickness up to 280 mm.</li> </ul>



Thermal Insulation & Chemicals Division



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COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV GL  
= ISO 9001 =

TECHNICAL DATA	Dowel:	6H-NT 60	6H-NT 80	6H-NT 100	6H-NT 120	6H-NT 140	6H-NT 160	6H-NT 180	6H-NT 200	6H-NT 220	6H-NT 240
	Fixing length mm:	60	80	100	120	140	160	180	200	220	240
	Drill Hole $\varnothing$ mm:	60	60	60	60	60	60	60	60	60	60
	Screw $\varnothing$ mm:	6	6	6	6	6	6	6	6	6	6
	Anchorage depth mm:	30	30	30	30	30	30	30	30	30	30
	Minimum length for surface installation mm:	30	50	70	90	110	130	150	170	190	210
	Minimum depth of anchorage 70 mm (mm):	-	65	85	105	125	145	165	185	205	225
	Packaging (pcs. per box):	100	100	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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