



ECAP[®] DOWEL SVII - EcoTwist



FIXING DOWEL FOR COMPOSITE WALL INSULATION SYSTEMS

ECAP[®] DOWEL SVII - EcoTwist Fixing dowel for composite wall insulation systems

PRODUCT	Fixing dowel for composite external wall insulation systems (EWIS) for materials of any kind.
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 block;· Vertically perforated calcium silicate block;· Hollow block of lightweight aggregate concrete;· Sepa Parpaing (French brick);· Lightweight concrete;· Autoclaved aerated concrete (cellular).
APPLICATIONS	<ul style="list-style-type: none">· Fixing of polystyrene foam boards and similar mineral wool boards for composite external wall insulation system (EWIS) on concrete and masonry.· Push-through installation.
FUNCTIONING	<ul style="list-style-type: none">· The fixing dowel is inserted into the hole of the insulating board and screwed using the specific tool.· The identical thread lead of the steel screw and the screw-mounted support plate makes them turning simultaneously into the board until the device does not meet the support.· The steel screw expands at the end of the fixing dowel. The compression area is compressed up to a few millimeters and the fixing dowel is still anchored into the support.· The fixing is fully installed when the marking ring is flush with the surface of the insulation.
ADVANTAGES	<ul style="list-style-type: none">· Standard anchorage depth for all the building materials.· One fixing for all the insulating materials thickness from 100 mm to 400 mm. This improves the productivity, it saves time and storage space.· The robust installation tool is easy to use and ensures quick progress.· The thread cuts properly the insulating panel without damaging it.· Check of the installation with a simple pressing test using the assembling tool.
CERTIFICATIONS	Certified for building materials class A, B, C, D, E.



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TECHNICAL DATA	Dowel:	SVII - EcoTwist 0 - 10	SVII - EcoTwist 10 - 30	SVII - EcoTwist 30 - 60
	Insulating panel thickness mm:	100 - 400	100 - 400	100 - 400
	Stem \varnothing mm:	8	8	8
	Thickness of compensation tolerance mm:	0 - 10	0 - 30	30 - 60
	Effect. anchorage depth mm:	35	35	35
	Stem length in the hole mm:	45	65	95
	Drill hole depth into the bearing material mm:	55	75	105
	Total drill hole depth mm:	+55	+75	+105
	Packaging [pcs. per box]:	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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