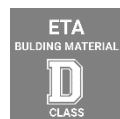
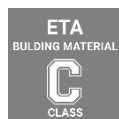
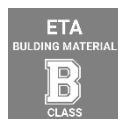
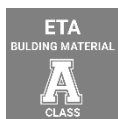




COVER.FIX **CS 8**

Versatile screw-in facade fastener with compound nail





COVER.FIX CS 8

Edition: May 2021 © Vimark



DESCRIPTION

COVER.FIX CS 8 is a fastener with screw in compound nail for mechanically fixing of plates of thermal-insulation sintered expanded polystyrene systems (EPS), mineral wool (MW), light wood wool boards, polyurethane boards, light recycled boards, wool fiber boards. The fastener allows quick wall installation, with few hammer taps. The compression area in the shaft allows the plate to be precisely recalled in the insulation. The fixing does not create thermal bridge thanks to the reinforced plastic nail. The innovative design of the cap and the special geometry of the plastic nail give the cap safe gripping also in solid building materials, while the asymmetrical expansion element ensures safe gripping also in perforated building materials or on unknown substrates.

ETA certified product, recommended for the anchoring of ETICS systems on any type of substrate.

COMPOSITION

Body: impact resistant copolymer of polyamide PA6 and polypropylene PP.

Pin: compound.

APPLICATION

Once the insulating panels are in position and the adhesive has dried, proceed with the fixing stage to improve adhesion and mechanical stability to the system substrate with fasteners of the **COVER.FIX** range.

Drill holes with an electric drill according to the type of substrate.

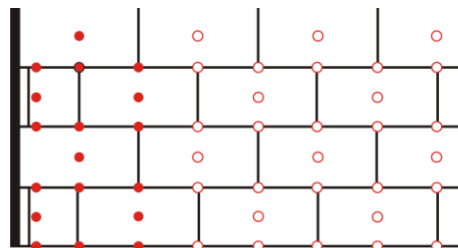
The holes should be perpendicular to the substrate, avoid changing drill angle, especially on materials with low mechanical strength such as hollow bricks, aerated concrete, etc. Clean the hole thoroughly, insert the outer fastener and tap slightly with a hammer until in line with the panel. Insert pin within the plug and screw with a drill until the complete expansion of the body fixing.

For mechanically fixing of soft thermal insulation boards, made up of fibers or mineral wools, we recommend the coupling of the fastener with the retaining plate **COVER.PLATE DT** available in size 90, 110 and 140 mm.

QUANTITY

The quantity and correct distribution of the fasteners on the thermal insulation depends on various factors such as the weight of the insulation, type and dimensions of the plates, the height of the building, the traction resistance of the fastener according to the substrate, the wind force according to the geographical position of the building. Normally it is recommended to increase the number of mechanical fixing points along with the increase in height of the building and on its free edges. Calculate the correct amount of fasteners for each building by taking into account all the factors that could affect the number.

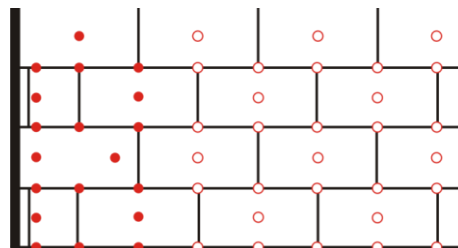
Building height < 8 m



4 fasteners **COVER.FIX**/m² central

6 fasteners **COVER.FIX**/m² at edges

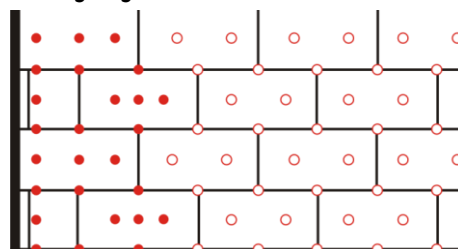
Building height > 8 m < 20 m



6 fasteners **COVER.FIX**/m² central

8 fasteners **COVER.FIX**/m² at edges

Building height > 20 m



8 fasteners **COVER.FIX**/m² central

10 fasteners **COVER.FIX**/m² at edges



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COVER.FIX CS 8

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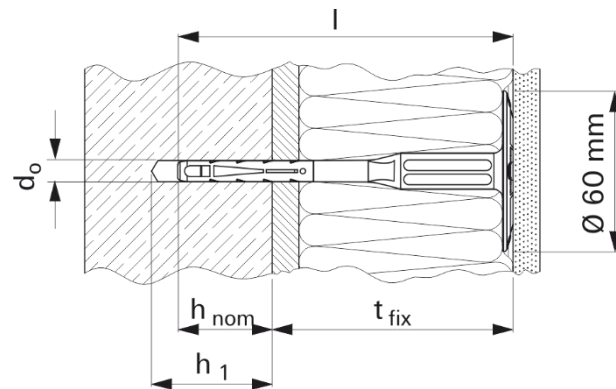
PACKAGING

Anchoring length	∅ Hole	Max usable length t_{fix}	Packaging
		A, B, C, D, E	
mm	mm	mm	pcs.
95	8	70	100
115	8	90	100
135	8	110	100
155	8	130	100
175	8	150	100
195	8	170	100
215	8	190	100

PRODUCT DATA

▪ Substrate categories	A (concrete) B (solid brick) C (hollow brick) D (lightweight concrete blocks) E (aerated concrete)	ETA-14/0372
▪ Plate resistance	1.7 kN	
▪ Plate stiffness	0.6 kN/mm	
▪ Thermal transmittance point	0.001 W/K	

Substrate	A, B, C, D, E
	mm
▪ Fastener diameter	d 8
▪ Hole diameter in substrate	d_0 8
▪ Minimum hole depth in substrate (95, 115 mm)	h_0 45
▪ Minimum hole depth in substrate	h_0 40
▪ Application depth	h_{nom} 35





COVER.FIX CS 8


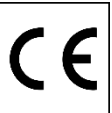
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TECHNICAL DATA

Substrate	Cat. ETA	Min. substrate density	Minimum compressive strength	Drilling method	Permitted loads according to ETA
		<i>kg/dm³</i>	<i>N/mm²</i>	-	<i>kN</i>
Concrete	A		C12/15	Rotopercussion	0.50
Concrete	A		C50/60	Rotopercussion	0.50
Solid brick Mz	B	1.8	20	Rotopercussion	0.50
Calcium silicate solid brick KS	B	1.4	12	Rotopercussion	0.50
Calcium silicate solid brick KS	B	1.4	20	Rotopercussion	0.50
Full blocks made from concrete VbL	B	1.4	8	Rotopercussion	0.40
Full blocks made from concrete Vbn	B	2.0	12	Rotopercussion	0.50
Full blocks made from concrete Vbn	B	2.0	20	Rotopercussion	0.50
Hollow brick (vertically drilled) Hlz	C	0.9	12	Rotation	0.22
Hollow brick (vertically drilled) Hlz	C	1.6	48	Rotation	0.50
Calcium silicate hollow brick (vertically drilled) KSL	C	1.4	12	Rotation	0.50
Lightweight concrete hollow block HbL	C	0.9	4	Rotation	0.17
Lightweight concrete hollow block Hbn	C	1.2	4	Rotation	0.25
Lightweight concrete hollow block Hbn	C	1.2	6	Rotation	0.37
Lightweight concrete hollow block Hbn	C	1.2	8	Rotation	0.50
Lightweight concrete hollow block Hbn	C	1.2	10	Rotation	0.50
Lightweight concrete (with lightweight aggregates) LAC	D	0.9	4	Rotation	0.32
Lightweight concrete (with lightweight aggregates) LAC	D	0.9	6	Rotation	0.50
Autoclaved aerated concrete block (aerated) AAC	E	0.5	4	Rotation	0.22

COMPLIANCE

 	<p>ETA-14/0372 Material category A-B-C-D-E</p>
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REMARKS

The data and instructions in this data sheet are based on our best practical and laboratory experience. They refer to laboratory tests and should be considered indicative. Information and, in particular, instructions on the application and end use of Vimark products are provided in good faith on the basis of Vimark's current knowledge and experience of the products provided that they are properly stored, handled and used under normal conditions and in accordance with Vimark's recommendations. In view of the different conditions of use and application, which depend on factors over which Vimark has no control (type of surface, environmental conditions, technical indications for fixing, etc.), those who use the product are responsible for ascertaining whether or not it is suitable for the intended purpose. Therefore, our warranty obligation merely covers the quality and fade-free characteristics of the end product, and exclusively in relation to the aforementioned data. Vimark reserves the right to make technical modifications without prior notice. Users must always refer to the latest version of the local data sheet of the product concerned, whose copies are provided upon request. This technical data sheet voids and substitutes all previous editions. Updates will be published on the website www.vimark.com



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