



FASSA TOP FIX 2G

DATA SHEET



Interior/Exterior

Screw anchor for fixing insulating panels in ETICS systems



Composition

FASSA TOP FIX 2G anchors comprise a main body made from high-density polyethylene (HDPE), where the plate has a diameter of 60 mm, while the anchor plug measures Ø 8 mm in diameter. A double-threaded galvanised steel screw is inserted into the anchor.

Supply

- Packaging unit: 100 pieces

Use

External thermal insulation composite system panels are anchored in order to give the system greater static stability, ensure greater safety against the negative pressure loads caused by wind and maintain a permanent friction effect between the adhesive and the substrate.

FASSA TOP FIX 2G anchors are used with all the FASSATHERM external thermal insulation composite system panels, and are suitable for concrete, solid brick, hollow brick, lightweight porous concrete and cellular concrete brick substrates. Mounting is by screwing, either flush or recessed.

Application

Drill a Ø 8 mm hole where the anchor will be inserted. The holes can be drilled in rotary-percussion mode for concrete (A) and solid brick (B) substrates, and in rotation mode for other types of substrate. Clean the hole from any processing debris.

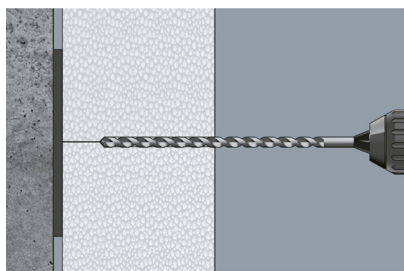
MOUNTING FLUSH WITH THE PANEL (the head of the anchor remains uncovered)

Insert the FASSA TOP FIX 2G anchor into the hole until it is almost flush with the insulating panel, making sure not to apply excessive force on insertion. Use a power screwdriver to fix the anchor, bringing the head flush with the panel. Close the hole on the head of the anchor with the EPS cap.

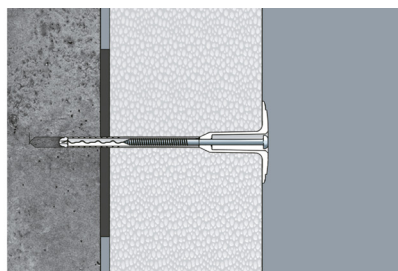
RECESSED MOUNTING (the head of the anchor is covered by a washer made from insulating material)

Insert the FASSA TOP FIX 2G anchor into the hole until it is almost flush with the insulating panel, making sure not to apply excessive force on insertion. Use a power screwdriver with cup drill bit, pushing the tool's plate until it comes into contact with the surface of the insulating panel. Cover the gap created on the surface, after inserting the anchor, with the specific EPS or rock wool washer.

	FLUSH MOUNTING	RECESSED MOUNTING
Installation	controlled	precise and optimal
Localised thermal bridge	minimum	null
Façade surface	visible plate	homogeneous and uniform
Flush mounting is possible for insulating panel thicknesses greater than or equal to 80 mm.		

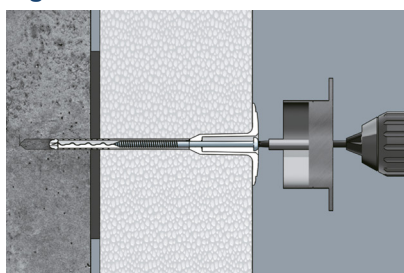


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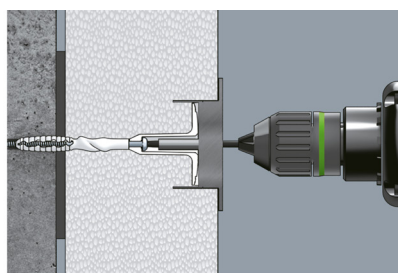


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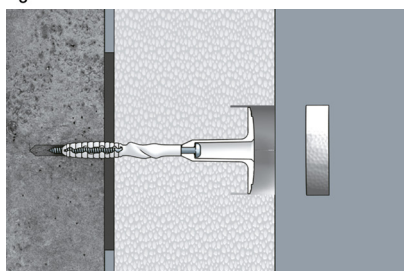
Recessed mounting



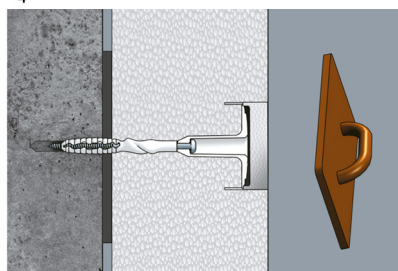
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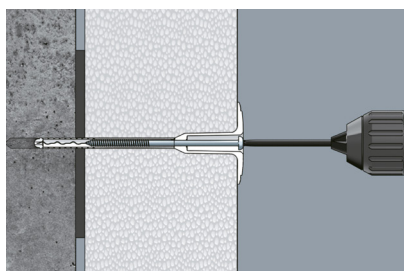


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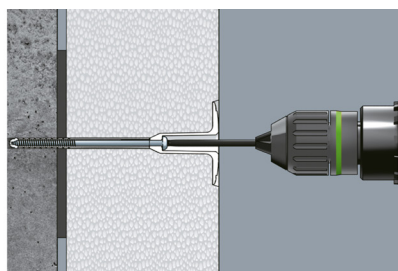


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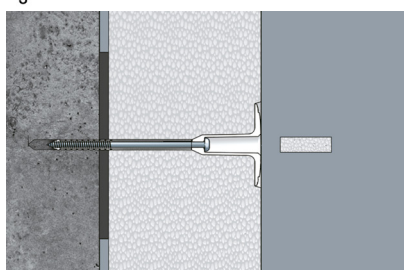
Flush mounting



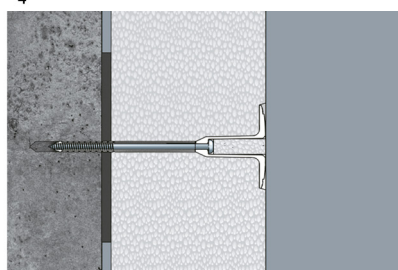
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Warnings

- Product for professional use.
- Only use the anchor with the specified substrates and panels.
- Observe the specified anchorage depth for each type of substrate.
- Drill the hole based on the diameter of the anchor.
- To determine the number of anchors per m² and the anchoring pattern, refer to the FASSATHERM External Thermal Insulation Composite System Installation Manual.
- Incorrect drilling of the substrate can damage the anchoring zone, compromising anchor fixing. In these cases, the installed anchor must be removed and a new hole drilled, inserting a new anchor.
- Perform anchoring at least 1 day after applying the insulating panels.
- In flush mounting mode, the plate must be perfectly level with the surface of the insulating panel.
- The anchor must only be installed where adhesive is used.
- It is recommended to use the additional VT 90 washer when "flush mount" anchoring on insulating panels made from rock wool or wood fibre.

Quality

FASSA TOP FIX 2G anchors have obtained European technical approval (ETA 04/0023) in accordance with ETAG 014 guidelines on "plastic anchors for fixing of external thermal insulation composite systems with rendering".

Technical Data

Anchor diameter	8 mm
Plate diameter	60 mm
Anchor length	115 - 135 - 155 - 175 - 195 - 215 - 235 - 255 - 275 - 295 - 315 - 335 - 355 - 375 - 395 - 415 - 435 - 455 mm

European Technical Approval ETA-04/0023

Use categories	Anchorage depth (mm)	Typical loadability values (kN)
Concrete = A	25	1,5
Solid brick = B	25	1,5
Hollow bricks = C	25	1,2
Lightweight concrete = D	25	0,9
Foamed concrete = E	65	0,75
The national safety coefficient should be applied in order to determine the load class.		

The above information refers to laboratory testing; it is possible that in practical applications on site these may differ considerably according to the conditions in which the material is applied. In any case the user must check that the product is suitable for the intended application, taking all responsibility for its use. Fassa reserves the right to make technical modifications without notice.

Technical specifications regarding the use of Fassa Bortolo products for structural or fire prevention applications will only be officially valid if provided by Fassa Bortolo's "Technical Service" and "Research, Development and Quality System". If necessary, contact Technical Service in your country of reference (IT: area.tecnica@fassabortolo.com, ES: asistencia.tecnica@fassabortolo.com, PT: assistencia.tecnica@fassabortolo.com, FR: bureau.technique@fassabortolo.fr, UK: technical.assistance@fassabortolo.com).

Please note that for the aforementioned products, the assessment is required by the appointed professional, in accordance with regulations in force.