

Capatect Schraubdübel Short 030

Plate anchor with European approval for fixing of Capatect facade systems



Product Description

Field of Application

Screw anchor with pre-mounted, glass-fiber reinforced plastic screw and anchor plate for insulation thicknesses of 20-60 mm in surface-flush installation.

Approved fixing for Capatect facade insulation boards within Capatect facade systems in suitable substrates.

Material Properties

- Specifically for thin insulation boards
- Low anchoring depth in all use categories (A-E)
- Thermal bridge optimized
- Surface flush mounting
- Approved safe anchoring in all common wall materials
- Time saving processing

Colours

gray

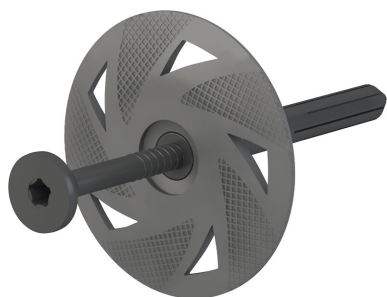
Storage

Cool, dry and protected from frost.

Technical Data

Approval	Product-No.	Length (mm)	Anchoring depth h_{nom} (mm)	Packaging (units/box)
Capatect Schraubdübel Short 030 European Technical Approval: ETA-17/0991 Use category according to ETA, i.e. for wall building materials: A = Concrete B = Solid bricks C = Perforated bricks D = lightweight aggregated concrete E = autoclaved aerated concrete* Weather shell ≥ 40 mm and < 100 mm	030/060	060	≥ 30	100
	030/080	080	$\geq 30^*$	100
	030/100	100	$\geq 30^*$	100
ø-Plate (mm)				60
ø-Shaft (mm)				8

*In Use Category E, higher tensile capacities are required at greater anchoring depths (≥ 50 mm).



Supplementary Product

Product name	Product-No.	Packaging (units/box)
Capatect Schraubdübel Short Tool Pro 030/01 for surface flush mounting	030/01	1
Capatect Schraubdübel Short Bit 030/02 for surface flush mounting	030/02	1
Capatect Dübelscheibe 153/VT 90	153/VT 90	100
Capatect Dübelscheibe 153/140	153/140	100

Product No. 030

Application

Substrate Preparation

Ensure that the insulation boards are laid flat and that the edges are glued correctly.

Installation

The anchor length must be determined depending on the anchoring base, if necessary take any non-load-bearing layers and the system thickness into account.

The anchors should be installed only after sufficient solidification of the adhesive bed (approx. 1 day). The anchors length must be selected in such a way that the anchoring depth of at least 30 mm (aerated concrete at least 50 mm) in the solid wall material is given (without taking into account any old render layers or other non-load-bearing intermediate layers). Use a drilling machine (for vertically perforated bricks, sand-lime bricks and aerated concrete without percussion and hammering action) to drill the anchor holes \varnothing 8 mm, at right angles into the load-bearing structural member. Always drill about 10 mm deeper than the required anchoring depth. Before inserting the anchor, remove drill dust from the drill hole to ensure the required anchoring depth.

Surface flush mounting:

Drill a hole through the insulation material into the load-bearing substrate. Drill hole depth for substrates of category A-E min. 40 mm at 30 mm anchoring depth. In substrate category E, drill hole depth min. 60 mm at 50 mm anchoring depth.

Combine anchors and anchor plates depending on the type of insulation material. Insert the screw anchor into the drill hole and screw in the corresponding bit or tool so that it is flush with the surface. The anchor plate must lie flush with the surface after the setting process.

Anchor length determination:

$$L_a > h_{nom} + t_{tol} + h_D$$

L_a = Anchor length

h_{nom} = necessary anchoring depth

t_{tol} = Tolerance compensation (thickness of adhesive layer) and, if necessary, non-bearing Building component layers

h_D = Insulation thickness

The tolerance compensation adds up from:

- + Thickness of non-load-bearing layers (thicknesses of old render, Mineral bonded wood wool boards, saving facing bricks, etc.). if present, often the thickness of old plaster is approx. 20 mm).
- + Thickness of the adhesive layer after pressing the insulation boards to the wall. (as a rule, about 10 mm)
- + Additional compensation of facade unevenness
- + If necessary, the thickness of the base coat when fastening through the fabric.

Advice

Approval

ETA-17/0991

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All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/ applicator from his responsibility to determine the suitability of the product in consideration of the project characteristics. These instructions are to be considered void when a new edition is released. Our general conditions of sale and delivery in their latest edition apply. This document is a translation of our German Technical Information No.030 · Capatect Schraubdübel Short 030 · Issued: April 2022