

# akurit ETF EcoTwist

Screw anchor

**recessing screw anchors in EPS from 100 – 400 mm and in homogeneous mineral wool insulation panels from 100 – 200 mm with universal size for all insulation thickness**

- permission: ETA-12/0208
- three anchor lengths for bridging non load-bearing layers



## Applications

- anchoring depth: 35 mm in substrate categories A – E

## Properties

- one anchor for all EPS insulating material thicknesses, ensures optimised stock keeping
- with low Chi value (from 150 mm insulation thickness)
- optimal screw geometry for cutting into the insulation quickly and neatly
- deep countersinking helps prevent anchor marks
- very easy to determine the drill hole depth
- only one drill hole depth in all standard building materials due to optimised spreading zone of 35 mm of the expansion part
- fast work progress thanks to sturdy, easy-to-use fitting tool
- easy setting check due to pressure test on the fitting tool

## Processing

### Applying / Processing / Assembling

- Adjust insulating material thickness on the fitting tool.
- Drill hole at right angles to the surface of the anchor base.
- Remove drilling dust from the hole.
- Insert fitting tool into the hexagonal socket provided.
- When turned, the screw plate cuts into the insulation panel without damaging it. The anti-rotation device holds the anchor in the correct position when being screwed into the insulation panel.
- When the steel screw is screwed in, when the depth impact arrives the screw is screwed into the spreading zone and the netlike compression zone is compressed. Due to the steel screw and screw plate having the same thread pitch, an even thrust is guaranteed.
- The anchor is completely set when the marking ring on the installation tool is flush with the insulating material surface. The fitting tool can be removed after the pressure test and the drill hole can be sealed with the aid of PU foam or a sealing element.
- The type of insulation panel is to be checked for suitability before using the ETF EcoTwist. Further information can be found in the European Technical Approval (ETA) or the general building approval (abZ) for the anchor and the insulating material.

### Notes

- The number of anchors required and their positioning in the facade is to be determined based on the applicable wind load standard.

## Storage

- Store dry and as per instructions.

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## Technical Data

<b>Usage category</b>	A Normal concrete
	B Solid brick
	C Hollow and perforated bricks
	D lightweight aggregate concrete with open structure
	E Aerated concrete
<b>Anchoring depth in the load-bearing substrate</b>	35 mm
<b>Drill hole diameter</b>	8 mm
<b>Plate diameter</b>	66 mm

## General notes

This information sheet provides only general recommendations. Should you have any queries relating to a specific application, please contact our technical sales advisor or call our hotline: +49 541 601-601. All of the details given are based on our current knowledge and experience and on the assumption that the materials are professionally applied and used for their normal purpose. All of the details are non-binding and do not release users from their duty to undertake their own tests to ensure suitability for the intended application. Due to the effects of different weather, processing and construction site conditions, no guarantee can be given for the general validity of all details. We reserve the right to make changes as a result of further development of the product and applications engineering. The general rules for construction engineering, the valid standards and guidelines, and the technical working guidelines must be observed. The publication of this technical data sheet renders all previous editions of this data sheet void. Please obtain the latest information from our website.