

S1

Object screw anchor

Screw anchor with plastic screw

- Approval: ETA-17/0991
- can be fitted with AKURIT ET combination plate



Applications

- for fastening external ETICS with plaster layer
- for anchoring in all substrate categories (A to E)
- for flush mounting
- for all types of insulation

Properties

- approved for all building material classes (A, B, C, D, E)
- high setting and installation convenience
- fast screw-in time
- optimised thermal bridge (0.000 W/K)
- can be fitted with additional plate akurit ET combi plate VT 90 mm and SBL 140 mm

Processing

Applying / Processing / Assembling

- Drill the hole (diameter: 8 mm) at right angles to the surface of the anchoring base.
- The drill hole must be at least 10 mm deeper than the minimum anchoring depth.
- Remove drilling dust from the hole.
- The S1 setting tool simplifies installation flush with the surface when setting the plug, but can also be screwed in using a screwdriver with an IPR 30 5-star bit.
- Anchors not gripping in the substrate are to be removed and anchored in a new drill hole.

Notes

- The number of anchors required and their positioning in the facade is to be determined based on the applicable wind load standard.
- Centre distance to substrate edge, secondary anchor and thickness of the component ≥ 100 mm.

Storage

- Store dry and as per instructions.

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Available anchor lengths

Product	Anchor length	GTIN/EAN 4004637
S1 100	100 mm	- 83248 1
S1 120	120 mm	- 83249 8
S1 140	140 mm	- 83250 4
S1 160	160 mm	- 83251 1
S1 180	180 mm	- 83252 8
S1 200	200 mm	- 83253 5
S1 220	220 mm	- 83254 2
S1 240	240 mm	- 83255 9
S1 260	260 mm	- 83256 6
S1 280	280 mm	- 83257 3
S1 300	300 mm	- 83258 0
S1 320	320 mm	- 83145 3
S1 340	340 mm	- 83138 5
S1 360	360 mm	- 83139 2
S1 380	380 mm	- 83140 8
S1 400	400 mm	- 83141 5
S1 420	420 mm	- 83142 2
S1 440	440 mm	- 83143 9
S1 460	460 mm	- 83144 6

Technical Data

Usage category	A Normal concrete
	B Solid brick
	C Hollow and perforated bricks
	D lightweight aggregate concrete with open structure
	E Aerated concrete
Anchoring depth in the load-bearing substrate	30 mm (A, B, C, D) 50 mm (E)
Drill hole diameter	8 mm
Plate diameter	60 mm

All data are average values that were determined under laboratory conditions according to relevant test standards and application tests. Deviations are possible under practical conditions.

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.