

Baunit S

Screw In Fixing



- **Stronger, thicker, more robust construction**
- **Revised cone lengths for optimal thermal bridging**
- **Countersunk and surface mounted installation**

Product Overview

The screwed-in anchor Baunit S consists of an anchor sleeve with an enlarged shaft, spreading zone subsequently, the serrated expanding part of the anchor sleeve is slotted. Thermal bridge-optimised plate screw anchor with increased installation speed and multi-expansion zone.

Composition

An insulation plate made of virgin polyamide and an accompanying specific screw of galvanised steel or stainless steel.

Properties

Approved for all usage categories (A, B, C, D, E).
 Significantly faster screwing time.
 Multifunctional dowel expansion zone (anchoring depth 35 - 55 mm).
 Pre-assembled screw for quick installation.
 Optimised thermal bridges.
 Safe and quick installation (recessed or flush with the surface).
 100% setting control: The sinking of the plate signals securing anchoring.
 Can be combined with dowel plate VT 90, combi plate VT 2G and dowel plate SBL 140 plus.

Application

For statically relevant and constructive fastening (recessed or flush with the surface) of insulation boards (EPS, Mineral Wool, Phenolic, Wood Fibre and XPS) or Baunit insulation composite systems into concrete or masonry.

Technical Data

CHI-value: 0.001 W/K (countersunk installation) / 0.002 W/K (surface mounting installation)
 European technical approval ETA: ETA-17-0078
 Use category: A B C D E
 Type: Torx T30 Screw

	115 mm	135 mm	155 mm	175 mm
Dowel shank diameter	8 mm	8 mm	8 mm	8 mm
Plate diameter	60 mm	60 mm	60 mm	60 mm

	195 mm	215 mm	235 mm	255 mm
Dowel shank diameter	8 mm	8 mm	8 mm	8 mm
Plate diameter	60 mm	60 mm	60 mm	60 mm

	275 mm	295 mm	315 mm
Dowel shank diameter	8 mm	8 mm	8 mm
Plate diameter	60 mm	60 mm	60 mm

Storage

The anchors must be stored under normal climate conditions and in the box provided. They must not be frozen before installation.

Quality Assurance

Internal quality assurance is provided by the manufacturer's plant.

Classification according to the Chemicals Act

Gather the detailed classification from the Safety Data Sheet (according article 31 and annex II of the regulation No. 1907/2006 of the European Parliament and –Council from 18.12.2006) at www.baumit.com or request the Safety Data Sheet at the respective production plant.

Substrate

For all types of Masonry substrates.

Processing

The hole must be drilled to the surface of the anchoring base. The choice of drilling equipment and drilling method depends on the subsurface and must be determined accordingly (drill holes in masonry made of vertically perforated bricks, lightweight solid concrete blocks and hollow blocks made of lightweight concrete, prefabricated reinforced components made of lightweight aggregate concrete (LAC) and aerated concrete may only be drilled using a rotary drilling machines. Deviations from this rule are only permitted if the influence of drilling with impact or hammer action on the anchor load-bearing behavior is assessed through tests on the structure). For surface mounting, the drill hole must exceed the anchoring depth by at least 10mm. For countersinking, the drill must exceed the anchoring depth by 25mm.
The drilling dust must be removed from the borehole.
The Baumit S Fixing Tool is used for countersinking the fixing into the insulation. is adjustable for all anchor lengths, easy installation, reliable, and robust design for long service life, worn parts can be changed quickly.
If the anchor does not pull properly due to the nature of the substrate, it must be removed and replaced next to it.
The correct dowel length depends on the anchoring depth, the thickness of the old render, the adhesive layer and the thickness of the insulation layer.

Notes and General Information

For other wall building materials outside the defined properties according to ETA-17/0078, pull-out tests must be carried out. The statically relevant number of fixings per m² is determined according to the wind load standard DIN EN 1991-1-4 or can be found in the Baumit system approvals. Contact Baumit technical team for further guidance.
Do not apply at wall and air temperatures below +5 or above +30 . The data sheets and guidelines applicable to “external thermal insulation systems,” e.g., those of the association for insulation systems, render and mortar (VDPM), the Federal Association for Building and Facade Construction (BAF), the Federal Committee for Paint and Material Protection (BFS), among others, in their currently valid versions, as well as the special provisions of the “General Building Inspectors Approvals” (ABZ). If you require further information on this material or its processing, our technical team will be happy to provide you with detailed, project-specific advise.

Written and oral application technology recommendations provided by us to assist the seller/processor are based on our experience and reflect the current state of the art in science and practical application know-how. However, it is understood that these recommendations are non-binding. They do not create any legal relationship or any ancillary obligations in connection with the sale contract. They do not release the buyer from its obligation to verify the suitability to our products for the intended purpose or use by itself.