



***ejotharm*[®] S1**

Screw-in anchor with plastic screw for surfixed installation of External Thermal Insulation Composite Systems

Fastening of insulation boards

Screw-in anchor with plastic screw

EJOT®

ejotherm® S1 screw-in anchor



Use category A-D Insulation [mm]		Use category E Insulation [mm]		Description and length [mm]	Article number	PU [pieces]	Pallet unit [pieces]
New build. ¹⁾	Renovation ²⁾	New build. ¹⁾	Renovation ²⁾				
60	-	-	-	ejotherm S1 100	8 715 100 540	100	5,000
80	60	60	-	ejotherm S1 120	8 715 120 540	100	4,000
100	80	80	60	ejotherm S1 140	8 715 140 540	100	4,000
120	100	100	80	ejotherm S1 160	8 715 160 540	100	4,000
140	120	120	100	ejotherm S1 180	8 715 180 540	100	3,000
160	140	140	120	ejotherm S1 200	8 715 200 540	100	3,000
180	160	160	140	ejotherm S1 220	8 715 220 540	100	2,700
200	180	180	160	ejotherm S1 240	8 715 240 540	100	2,000
220	200	200	180	ejotherm S1 260	8 715 260 540	100	2,000
240	220	220	200	ejotherm S1 280	8 715 280 540	100	1,600
260	240	240	220	ejotherm S1 300	8 715 300 540	100	1,600

¹⁾ 10 mm adhesive thickness, ²⁾ 10 mm adhesive thickness and 20 mm old render

Application range

- For fastening external thermal insulation systems with a render layer
- For the installation in all substrates (A, B, C, D, E)
- For all insulation boards
- For surface fixed installation

Characteristics

- Approved for all building material categories (A, B, C, D, E)
- Highly comfortable installation and assembly
- Fast installation time
- Optimised thermal bridge (0.000 W/K)
- Can be mounted with additional washer VT 90 and SBL 140 plus

Technical specifications

Anchor diameter	8 mm
Washer diameter	60 mm
Drill hole depth $h_1 \geq$	40 mm (60 mm)
Embedment depth $h_{ef} \geq$	30 mm (50 mm)
Screw drive	IPR 30 (5 lobe)
Point thermal transmittance χ	0.000 W/K
Use categories ETA*	A, B, C, D, E

Values in brackets: installation in aerated concrete (use category E).

Characteristic loads

A	Normal weight concrete C 16/20 - C 50/60 acc. to EN 206-1	1.5 kN
A	Concrete rain screens C16/20 - C50/60	1.4 kN
B	Brick acc. to EN 771-1 / DIN 105	1.5 kN
B	Solid sand-lime brick acc. to EN 771-2 / DIN EN 106	1.5 kN
C	Vertically perforated brick acc. to EN 771-2 / DIN 105; gross density ≥ 0.8 g/dm ³	1.5 kN
C	Perforated sand-lime brick acc. to EN 771-2 / DIN EN 106	1.5 kN
C	Hollow block from lightweight concrete acc. to EN 771-3 / DIN 18151	0.9 kN
D	Porous lightweight concrete (LAC 4 - LAC 25) acc. to EN 1520	0.9 kN
E	Aerated concrete (AAC 4 - AAC 7) acc. to EN 771-4	0.75 kN

The respective national safety factors must be considered for the permissible loads. Please observe the approval.



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Accessories

- ejotherm S1-tool
- ejotherm S1-tool pro
- ejotherm S1-Bit 30 IPR x 89
- Combi washer VT90
- Combi washer SBL 140 plus