



ejotherm®
Screw-in anchor S1 short

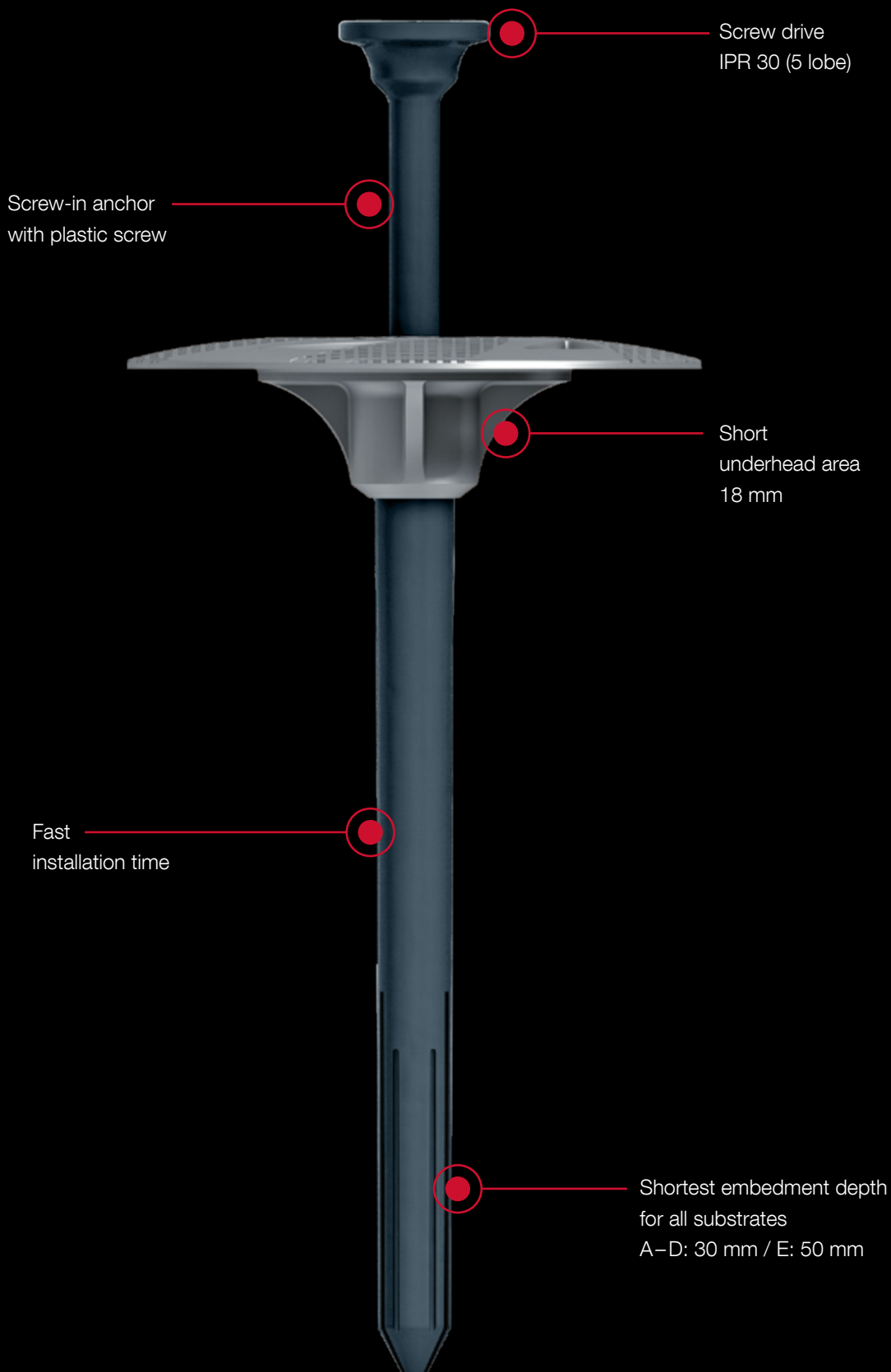
Perfect fastening of ETICS
with thin insulation boards



Bringing it together.

ejothem[®] S1 short

For fastening External Thermal Insulation Composite Systems



ejothem® screw-in anchor S1 short



Cross references

ejothem S1-Tool
 ejothem S1-Tool pro
 ejothem S1-Bit 30 IPR x 89
 Combination washer VT 90
 Combination washer SBL 140 plus

Applications

- > For fastening external thermal insulation systems with a render layer
- > Also suitable for fixing thin insulation boards indoors
- > Specifically developed for thin insulating materials (20 - 60 mm), for example high-performance insulation > 20 mm as well as reveal boards and ceiling insulation boards > 20 mm
- > Installation in all substrates
- > Surface fixed installation

Benefits

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

Technical data



Technical data

Anchor diameter	8 mm
Washer diameter	60 mm
Drill hole depth $h_1 \geq$	
Use category A-D / E	40 mm / 60 mm
Embedment depth $h_{ef} \geq$	
Use category A-D / E	30 mm / 50 mm
Screw drive	IPR 30 (5 lobe)
Insulating material thicknesses	20 - 60 mm
Use categories	A, B, C, D, E

Characteristic loads

Base material		Raw density class ρ [kg/dm ³]	Minimum compressive strength f_b [N/mm ²]	Loads [kN]
A	Concrete C 16/20 - C 50/60 acc. to EN 206-1:2000	-	-	1.5
A	Concrete rain screens C16/20 - C50/60 thin concrete members ≥ 40 mm acc. to EN 206-1:2000	-	-	1.4
B	Clay bricks (Mz) acc. to EN 771-1:2011	≥ 1.8	12	1.5
B	Sand-lime solid bricks (KS) acc. to DIN EN 771-2:2011	≥ 1.8	12	1.5
C	Vertically perforated clay bricks (HLZ) EN 771-1:2011	≥ 1.6	20	1.5
C	Sand-lime perforated bricks (KSL) acc. to DIN EN 771-2:2011	≥ 1.6	12	1.5
C	Lightweight concrete hollow blocks (Hb) acc. to EN 771-3:2011	≥ 1.2	7	0.9
D	Lightweight aggregate concrete (LAC 4 - LAC 25) acc. to EN 1520:2011-06 / EN 771-3:2011	≥ 0.7	7	0.9
E	Auto aerated concrete (AAC 4 - AAC 7) acc. to EN 771-4:2011	≥ 0.75	6	0.75

Order description and length [mm]	Tube washer length [mm]	Use categories A-D Insulation [mm]		Use categorie E Insulation [mm]		Packing unit [pieces]	Pallet unit [pieces]	Article number
		New build. ¹⁾	Renovation ²⁾	New build. ¹⁾	Renovation ²⁾			
ejothem S1 short 60	18	20	-	-	-	100	5,000	8715060570
ejothem S1 short 80	18	40	20	20	-	100	5,000	8715080570
ejothem S1 short 100	18	60	40	40	20	100	5,000	8715100570

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

ejothem S1 tool	1	9215100000
ejothem S1 tool pro	1	9215000000
ejothem S1-Bit 30 IPRx89	1	9215089000

Note: The processing of the ejothem S1 short is only possible with the above-mentioned installation tools.



EJOT SE & Co. KG

Market Unit Construction

In der Stockwiese 35

57334 Bad Laasphe · Germany

T +49 2752 908-0

F +49 2752 908-731

construction@ejot.com

www.ejot.com/construction