



***ejothem*[®] H2**

Universal hammer-in anchor with steel nail for fixing of External Thermal Insulation Composite Systems with rendering

Fastening of insulation boards

Universal hammer-in anchor



ejotherm® Schlagdübel H2

Universal hammer-in anchor with dual expansion zone and axially adjustable upper part



Use categories A-C Insulation [mm]		Use categories D-E Insulation [mm]		Product name and length [mm]	Article number	Packaging unit [Stück]	Palett unit [pcs]
New build, ¹⁾	Renovation ²⁾	New build, ¹⁾	Renovation ²⁾				
60	40	40	-	ejotherm H2 095	8528 095 260	100	5,000
80	60	60	40	ejotherm H2 115	8528 115 260	100	4,000
100	80	80	60	ejotherm H2 135	8528 135 260	100	3,000
120	100	100	80	ejotherm H2 155	8528 155 260	100	3,000
140	120	120	100	ejotherm H2 175	8528 175 260	100	2,700
160	140	140	120	ejotherm H2 195	8528 195 260	100	2,700
180	160	160	140	ejotherm H2 215	8528 215 260	100	2,000
200	180	180	160	ejotherm H2 235	8528 235 260	100	2,000
220	200	200	180	ejotherm H2 255	8528 255 260	100	2,000
240	220	220	200	ejotherm H2 275	8528 275 260	100	2,000
260	240	240	220	ejotherm H2 295	8528 295 260	100	1,800

¹⁾ 10 mm adhesive, ²⁾ 10 mm adhesive und 20 mm old render

Application area

- For fixing of ETICS with rendering
- For fixing of fire barriers
- For anchoring in all substrates (A,B,C,D, E)
- For all insulation boards
- For surface fixed installation

Properties

- Approved for all building materials (A, B, C, D, E)
- Dual expansion zone (25/45 mm) for optimum grip even in critical substrates
- Axially adjustable washer for optimum setting behavior (washer move-in)
- Reduction of thermal bridges by variable under head area and plastic injection molded steel nail (0.001 W/K)
- Slim anchor washer with high washer stiffness
- Pre-mounted nail for quick installation
- Can be used with an additional spreader washer

Technical data

Anchor diameter	8 mm
Washer diameter	60 mm
Drill hole depth $h_1 \geq$	35 mm (55 mm)
Embedment depth $h_{ef} \geq$	25 mm (45 mm)
Point thermal transmission λ	0.001 W/K
Nutzungskategorien ETA*	A, B, C, D, E

Values in parentheses: anchoring in lightweight aggregate concrete and autoclaved concrete (use categories D, E).

*Specification acc. to ÖNORM B 6124 for concrete and solid brick

Characteristic loads

A	Normal weight concrete C 12/15 acc. to EN 206-1	0.9 kN
A	Thin concrete slab (e.g. pre-cast concrete panels) Normal weight concrete C 20/25 - C 50/60 acc. to EN 206-1	0.9 kN
B	Clay bricks (Mz) acc. to EN 771-1 / DIN 105	0.9 kN
B	Solid lime sandstone (KS) acc. to EN 771-2 / DIN EN 106	0.9 kN
C	Vertically perforated bricks (Hz) acc. to EN 771-2 / DIN 105; bulk density $\geq 0.8 \text{ kg/dm}^3$	0.6 kN
C	Sand lime perforated bricks (KSL) acc. to EN 771-2 / DIN EN 106	0.9 kN
D	Lightweight aggregate concrete (LAC 4 - LAC 25) acc. to EN 1520	0.9 kN
E	Autoclaved aerated concrete (AAC 4 - AAC 7) acc. to EN 771-4	0.5 kN

For calculation of design loads the national safety factors have to be included (e.g., Germany:3). Please observe the approval.



Approval
ETA-15/0740

Accessories

- Combi washer VT90
- Combi washer SBL 140 plus