

Fastening of insulation boards

ejothem NT U



Universal hammer-in anchor

- Approved for concrete, solid and perforated masonry
- Solid steel nail (break-proof)
- Plastic injection moulding to reduce thermal transmission
- Can be used with an additional spreader washer
- Short embedment depths, reduced drilling
- High loads for your security
- Economic anchor usage
- Premounted nail for quick installation

Technical data

Anchor diameter	8 mm
Washer anchor	60 mm
Drill hole depth $h_1 \geq$	35 mm
Embedment depth $h_{ef} \geq$	25 mm
Point thermal transmission λ	0,002 W/K
Use categories acc. to ETA	A, B, C
European Technical Approval	ETA-05/0009

Application matrix

Insulation thickness (mm)	To allow for differences in thicknesses of build up (adhesive and existing render, (mm)) Embedment depth = 25 mm (A, B, C)					
	10	30	50	70	90	110
40	095 ¹⁾	095	115	135	155	175
60	095	115	135	155	175	195
80	115	135	155	175	195	215
100	135	155	175	195	215	235
120	155	175	195	215	235	255
140	175	195	215	235	255	275
160	195	215	235	255	275	295
180	215	235	255	275	295	
200	235	255	275	295		
220	255	275	295			
240	275	295				
260	295					

¹⁾ If substrates is perforated block we recommend confirmation by on-site testing

Characteristic loads

A	Normal weight concrete C 12/15 acc. to EN 206-1	1.2 kN
A	Normal weight concrete C 16/20 - C 50/60 acc. to acc. to EN 206-1	1.2 kN
B	Clay bricks (Mz) acc. to DIN 105	1.5 kN
B	Solid lame sandstone (KS) acc. to DIN EN 106	1.5 kN
B	Solid masonry of lightweight concrete (V) acc. to DIN 18152	0.5 kN
C	Vertically perforated clay bricks (Hlz) acc. to DIN 105	0.9 kN
C	Sand-lime perforated bricks (KSL) acc. to acc. to DIN EN 106	1.5 kN
C	Lightweight concrete hollow blocks (HbL) acc. to DIN 18151	0.5 kN

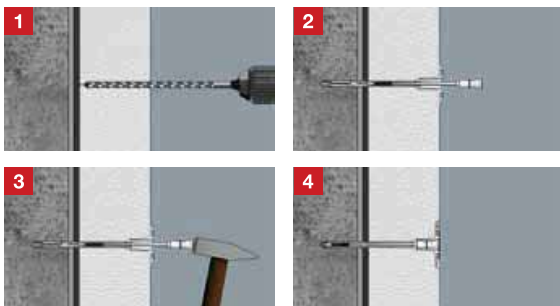
For calculation of design loads the national safety factors have to be included (e.g. Germany: 3). Please observe the approval.

Accessories

EJOT combi washer VT90 and SBL 140 plus
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Installation



Product range

Product name and length (mm)	Product code	Packaging (pieces)	Pallet unit (pieces)
ejothem NT U 095	8796 095 400	100	5,000
ejothem NT U 115	8796 115 400	100	5,000
ejothem NT U 135	8796 135 400	100	4,000
ejothem NT U 155	8796 155 400	100	4,000
ejothem NT U 175	8796 175 400	100	3,000
ejothem NT U 195	8796 195 400	100	3,000
ejothem NT U 215	8796 215 400	100	3,000
ejothem NT U 235	8796 235 400	100	2,000
ejothem NT U 255	8796 255 400	100	2,000
ejothem NT U 275	8796 275 400	100	2,000
ejothem NT U 295	8796 295 400	100	2,000