

## Hammer-in anchor *ejotherm*® H1



### Cross references

Combi washer VT90  
Combi washer SBL 140 *plus*

### Application range

- > Hammer-in anchor with steel nail and plastic mounting element for surfaced fixed installation in concrete and masonry
- > For all use categories (A - E)
- > For all common ETICS insulation boards

### Characteristics

- > With European Technical Assessment (ETA)
- > Ö-Norm conform
- > Anchor sleeve made of high-density polyethylene (PE-HD)
- > Steel nail made of case-hardened steel according to DIN 10263
- > Can be mounted with additional washer

### Properties

- > Solid steel nail (break-proof)
- > Mounting element to reduce thermal transmission
- > Low embedment depth, reduced drill hole depth
- > High loads for your safety
- > Economic anchor usage
- > Completely pre-assembled for quick installation

### Note

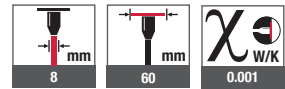
For the fastening of mineral wool insulation boards, we recommend the use of the combi washer EJOT VT90.



### Applications



### Technical data



### Certifications



### Technical data

#### Drill hole depth

Use categories A-C	35 mm
Use categories D-E	55 mm

#### Embedment depth

Use categories A-C	25 mm
Use categories D-E	44 mm

### Characteristic resistance to tension loads $N_{Rk}$

Base materials	Bulk density $\rho$ [kg/dm <sup>3</sup> ]	Minimum compressive strength $f_b$ [N/mm <sup>2</sup> ]	Loads $N_{Rk}$ [kN]
A Concrete C 12/15 as per EN 206:2013+A1:2016	-	-	0.9
A Concrete C 20/25 - C 50/60 as per EN 206:2013+A1:2016	-	-	1.2
A Concrete C 20/25 - C 50/60 as per EN 206:2013+A1:2016 thin concrete members (thin skin)	-	-	1.2
B Clay bricks (Mz) as per EN 771-1:2011+A1:2015	≥ 1.8	12	1.2
B Sand-lime solid bricks (KS) as per EN 771-2:2011+A1:2015	≥ 1.8	12	1.2
C Vertically perforated clay bricks (Hlz) as per EN 771-2:2011+A1:2015	≥ 0.8	12	0.75 <sup>1)</sup>
C Sand-lime perforated bricks (KSL) as per EN 771-2:2011+A1:2015	≥ 1.4	12	1.2 <sup>2)</sup>
D Lightweight aggregate concrete (LAC) as per EN 1520:2011 / EN 771-3:2011+A1:2015	≥ 1.2	4	1.1
E Autoclaved aerated concrete as per EN 771-4:2011+A1:2015	≥ 0.6	4	0.9

<sup>1)</sup>The value applies only for outer web thickness ≥ 11 mm; otherwise the characteristics resistance shall be determined by job site pull-out tests.

<sup>2)</sup>The value applies only for outer web thickness ≥ 20 mm; otherwise the characteristics resistance shall be determined by job site pull-out tests.

Order description and length [mm]	Use categories A-C Insulation [mm]		Use categories D-E Insulation [mm]		Packaging [pieces]	Pallet quantity [pieces]	Article number
	New building <sup>1)</sup>	Old building <sup>2)</sup>	New building <sup>1)</sup>	Old building <sup>2)</sup>			
<i>ejotherm</i> <sup>®</sup> H1 95	60	40	40	-	100	5,000	8744095400
<i>ejotherm</i> <sup>®</sup> H1 115	80	60	60	-	100	4,000	8744115400
<i>ejotherm</i> <sup>®</sup> H1 135	100	80	80	60	100	4,000	8744135400
<i>ejotherm</i> <sup>®</sup> H1 155	120	100	100	80	100	3,000	8744155400
<i>ejotherm</i> <sup>®</sup> H1 175	140	120	120	100	100	3,000	8744175400
<i>ejotherm</i> <sup>®</sup> H1 195	160	140	140	120	100	3,000	8744195400
<i>ejotherm</i> <sup>®</sup> H1 215	180	160	160	140	100	3,000	8744215400
<i>ejotherm</i> <sup>®</sup> H1 235	200	180	180	160	100	2,000	8744235400
<i>ejotherm</i> <sup>®</sup> H1 255	220	200	200	180	100	2,000	8744255400
<i>ejotherm</i> <sup>®</sup> H1 275	240	220	220	200	100	2,000	8744275400
<i>ejotherm</i> <sup>®</sup> H1 295	260	240	240	220	100	2,000	8744295400
<i>ejotherm</i> <sup>®</sup> H1 315	280	260	260	240	100	1,600	8744315400
<i>ejotherm</i> <sup>®</sup> H1 335	300	280	280	260	100	1,600	8744335400
<i>ejotherm</i> <sup>®</sup> H1 355	320	300	300	280	100	1,600	8744355400

<sup>1)</sup>10 mm adhesive, <sup>2)</sup>10 mm adhesive and 20 mm old render