IZJAVA O LASTNOSTIH

Št. **9 - 018 - 11/0192 - 2022/1** **SLO**

1.) Enotna identifikacijska oznaka tipa proizvoda:

ejotherm H1

2.) Predvidena uporaba:

Pribito plastično sidro za pritrjevanje zunanjih toplotnoizolacijskih kompozitnih sistemov z ometom v betonu in zidu

3.) Proizvajalec:

EJOT SE & Co. KG, Astenbergstraße 21, 57319 Bad Berleburg - Germany

4.) Sistemi ocenjevanja in preverjanja nespremenljivosti lastnosti:

Sistem 2+

5.)

Evropski ocenjevalni dokument:	**EAD 330196-01-0604**
Evropska tehnična ocena:	**ETA 11/0192**
Organ za tehnično ocenjevanje:	**DIBt - Deutsches Institut für Bautechnik, Berlin**
Priglašeni organi:	**0672 - MPA - Materialprüfanstalt Universität Stuttgart**

6.) Navedene lastnosti:

a) Mehanska odpornost in stabilnost (BWR 1) ter varnost in dostopnost (BWR 4)

Glavne značilnosti	Zmogljivost proizvoda
Značilna odpornost	Glej Prilogo C1.
Razdalje in razmiki med robovi	Glej Prilogo B2
Premiki	Glej Prilogo C4
togost plošče	Glej Prilogo C4

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b) Varnost v primeru požara (BWR 2)

Glavne značilnosti	Zmogljivost proizvoda

c) Higiena, zdravje in okolje (BWR 3) \ t

Glavne značilnosti	Zmogljivost proizvoda

d) Zaščita pred hrupom (BWR 5) \ t

Glavne značilnosti	Zmogljivost proizvoda

e) Varčevanje z energijo in ohranjanje toplote (BWR 6) \ t

Glavne značilnosti	Zmogljivost proizvoda
Točkovna toplotna prehodnost	glej prilogo C 4

f) Trajnostna raba naravnih virov (BWR 7) \ t

Glavne značilnosti	Zmogljivost proizvoda

Lastnosti proizvoda, navedenega zgoraj, so v skladu z navedenimi lastnostmi. Za izdajo te izjave o lastnostih je v skladu z Uredbo (EU) št. 305/2011 odgovoren izključno proizvajalec, naveden zgoraj.

Podpisal za in v imenu proizvajalca:

Dr. Jens Weber
(Ime)

Bad Laasphe, 15.02.2023
(Kraj in datum izstavitve)

(Podpis)

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Table C1: Characteristic resistance to tension loads N_{Rk} in concrete and masonry for a single anchor in kN

Base materials	Bulk density ρ [kg/dm³]	Minimum compressive strength f_b [N/mm²]	General remarks	Drill method	EJOT H1 eco N_{Rk} [kN]	EJOT H4 eco N_{Rk} [kN]	ejotherm H1 N_{Rk} [kN]
Concrete C 12/15 as per EN 206:2013+A1:2016			Compacted normal weight concrete without fibres; thickness of the thin skin: 100 mm > h ≥ 40 mm	hammer	0,9	0,5	0,9
Concrete C 20/25 – C 50/60 as per EN 206:2013+A1:2016				hammer	0,9	0,75	1,2
Concrete C 20/25 – C 50/60 as per EN 206:2013+A1:2016 thin concrete members (thin skin)				hammer	-	-	1,2
Clay bricks, Mz, as per EN 771-1:2011+A1:2015	≥ 1,8	12	Vertically perforation[4] up to 15 %.	hammer	0,9	0,75	1,2
Sand-lime solid bricks, KS as per EN 771-2:2011+A1:2015	≥ 1,8	12	Vertically perforation[4] up to 15 %.	hammer	0,9	0,75	1,2
Vertically perforated clay bricks, HLz as per EN 771-1:2011+A1:2015	≥ 1,2	20	Vertically perforation[4] >15% and ≤50%	rotary	0,75[1]	-	-
Vertically perforated clay bricks, HLz as per EN 771-1:2011+A1:2015	≥ 0,9	12	Vertically perforation[4] >15% and ≤50%	rotary	0,6[2]	0,5[2]	-
Vertically perforated clay bricks, HLz as per EN 771-1:2011+A1:2015	≥ 0,8	12	Vertically perforation[4] >15% and ≤50%	rotary	-	-	0,75[2]
Sand-lime perforated bricks, KSL as per EN 771-2:2011+A1:2015	≥ 1,4	12	Vertically perforation[4] >15% and ≤50%	rotary	0,9[3]	0,75[3]	1,2[3]
lightweight aggregate concrete, LAC as per EN 1520:2011, EN 771-3:2011+A1:2015	≥ 1,2	4		hammer	0,9	1,2	1,1
Autoclaved aerated concrete as per EN 771-4:2011 +A1:2015	≥ 0,6	4		rotary	0,5	0,5	0,9

1) The value applies only for outer web thickness ≥ 14 mm; otherwise the characteristic resistance shall be determined by job site pull-out tests.
2) The value applies only for outer web thickness ≥ 11 mm; otherwise the characteristic resistance shall be determined by job site pull-out tests.
3) The value applies only for outer web thickness ≥ 20 mm; otherwise the characteristic resistance shall be determined by job site pull-out tests.
4) Cross section reduced by perforation vertically to the resting area

EJOT H1 eco, EJOT H4 eco and ejotherm H1

Performances
Characteristic resistance

Annex C 1

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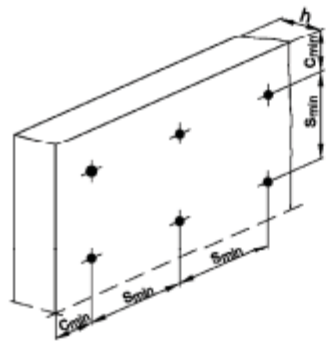
Tabelle B1: Installation Parameters

Anchor type		EJOT H1 eco		EJOT H4 eco		ejotherm H1	
		A B C	D E	A B C	D E	A B C	D E
Drill hole diameter	d_0 [mm] =	8	8	8	8	8	8
Cutting diameter of drill bit	d_{cut} [mm] ≤	8,45	8,45	8,45	8,45	8,45	8,45
Depth of drilled hole to deepest point	h_1 [mm] ≥	35	55	35	75	35	55
Effective anchorage depth	h_{ef} [mm] ≥	25	45	25	65	25	45

Tabelle B2: Anchor distances and dimensions of members

Anchor type		EJOT H1 eco / EJOT H4 eco / ejotherm H1
Minimum spacing	s_{min} ≥ [mm]	100
Minimum edge distance	c_{min} ≥ [mm]	100
Minimum thickness of member	h ≥ [mm]	100

Scheme of distance and spacing



EJOT H1 eco, EJOT H4 eco and ejotherm H1	**Annex B 2**
Intended use Installations parameters, Edge distances and spacing	

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ejotherm H1

Table C8: Point thermal transmittance according EOTA Technical Report TR 025:2016-05		
anchor type	insulation thickness h_D [mm]	point thermal transmittance χ [W/K]
ejotherm H1	60 – 320	0,001

Table C9: Plate stiffness according EOTA Technical Report TR 026:2016-05			
anchor type	diameter of the anchor plate [mm]	load resistance of the anchor plate [kN]	plate stiffness [kN/mm]
ejotherm H1	60	1,4	0,6

Table C10: Displacements ejotherm H1				
Base materials	Bulk density ρ [kg/dm³]	minimum compressive strength f_b [N/mm²]	Tension load N [kN]	Displacements $\Delta\delta_N$ [mm]
Concrete C 12/15 (EN 206:2013+A1:2016)			0,3	0,6
Concrete C 20/25 – C 50/60 (EN 206:2013+A1:2016)			0,4	0,6
Clay bricks, Mz (EN 771-1:2011+A1:2015)	≥ 1,8	12	0,4	0,6
Sand-lime solid bricks, KS (EN 771-2:2011+A1:2015)	≥ 1,8	12	0,4	0,6
Vertically perforated clay bricks, HLz (EN 771-1:2011+A1:2015)	≥ 0,8	12	0,25	0,3
Sand-lime perforated bricks, KSL (EN 771-2:2011+A1:2015)	≥ 1,4	12	0,4	0,4
Lightweight aggregate concrete, LAC (EN 1520:2011 / EN 771-3:2011+A1:2015)	≥ 1,2	4	0,37	0,5
Autoclaved aerated concrete EN 771-4:2011+A1:2015)	≥ 0,6	4	0,3	0,4

EJOT H1 eco, EJOT H4 eco and ejotherm H4	**Annex C 4**
Performances Point thermal transmittance, plate stiffness, displacements ejotherm H1	