

TASSELLO H2

Technical Information Sheet - Issue 02/2022



Universal percussion anchor with HDPE double expansion sleeve (25 mm/45 mm) and galvanised steel pin.

DESCRIPTION

Percussion anchor for fastening insulation panels on concrete (A), solid bricks (B), hollow bricks (C), lightweight concrete (D), and aerated concrete (E) with double expansion sleeve (25 mm/45 mm) made of high-density polyethylene (HDPE) and galvanised steel pin. With certificate of conformity in accordance with EAD 330196-01-0604. Telescoping, tilting, thin and highly stiff plate.

OTHER CHARACTERISTICS

- Double expansion sleeve to ensure a secure grip also on critical substrates;
- Precise installation is guaranteed due to the tilting and telescoping plate, which allows easy positioning even in the case of slightly inclined holes;
- The risk of anchor breakage is minimised due to the steel pin;
- Thermally broken steel pin and insulated head to reduce thermal bridges;
- Thermal conductivity point coefficient $\chi = 0.001 \text{ W/K}$;
- Pre-mounted steel pin for quick installation;
- Suitable for firestops.

TECHNICAL DATA	Value
Available lengths	90, 115, 135, 155, 175, 195, 215, 235, 255, 275, 295 mm
Certifications	ETA-15/0740
Usage categories (EDA 330196-01-0604)	A, B, C, D, E
Thermal conductivity point X	0.001 W/K
Anchoring depth	25 mm (45 mm)
Mounting	Percussion
Φ plate	60 mm
Φ hole	8 mm
Depth of hole	35 mm (55 mm)

Load capacity values (kN)

A - Concrete \geq C12/15 in accordance with EN 206-1	0.9
A - Concrete \geq C 16/20 - C 50/60 in accordance with EN 206-1	0.9
B - Solid brick (Mz) in accordance with EN 771-1/DIN 105	0.9
B - Solid sand-lime bricks (KS) in accordance with EN 771-2/DIN EN 106	0.9
C - Hollow bricks (Hz) in accordance with EN 771-2/DIN 105; specific weight \geq 0.8 kg/dm ³	0.6
C - Hollow sand-lime bricks (KSL) in accordance with EN 771-2/DIN EN 106	0.9
D - Lightweight concrete (LAC 4 - LAC 25) in accordance with EN 1520	0.9
E - Aerated concrete (AAC 4 - AAC 7) in accordance with EN 771-4	0.5

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APPLICATION MATRIX

INSULATION THICKNESS (mm)	Other thicknesses (adhesive + plaster) [mm] anchoring depth = 25 mm (A, B, C)					
	10 ¹	30 ²	50 ³	70 ³	90 ³	110 ³
40	95	95				
60	95	115	135			
80	115	135	155	175	195	
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					

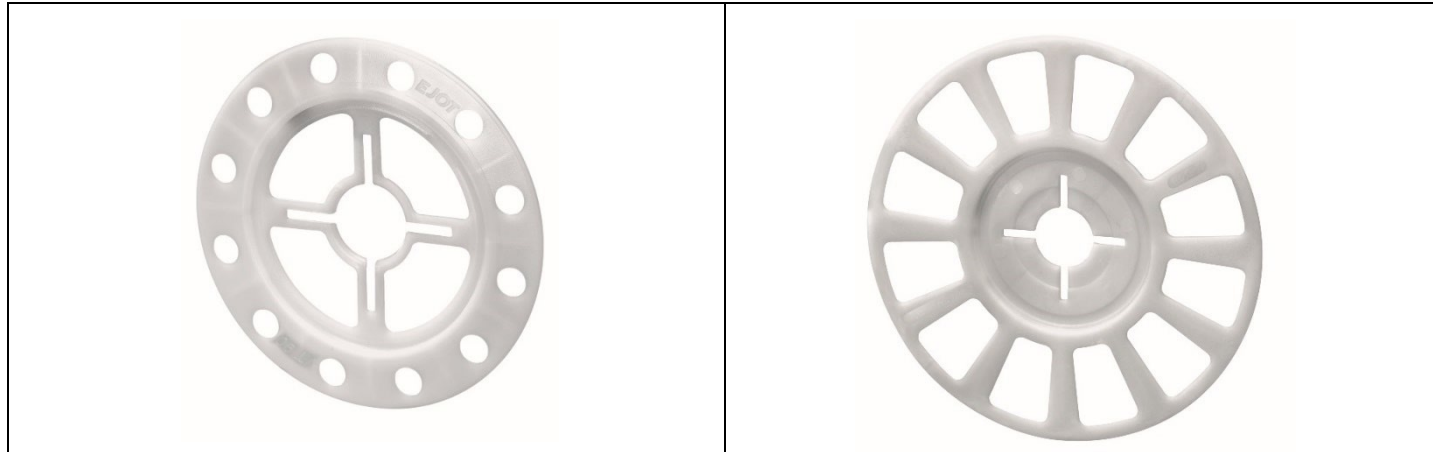
¹ 10 mm thickness of adhesive, to be taken into account for new substrates (without plaster)

² 10 mm thickness of adhesive + 20 mm thickness of plaster (existing substrates)

³ 10 mm adhesive + plaster + additional layers (e.g. ceramic tiles, double external thermal insulation)

ADDITIONAL ACCESSORIES

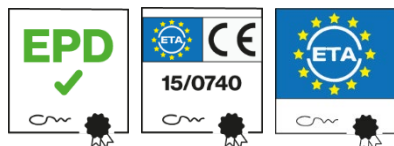
- “Rondella per lana di roccia Ø 90mm” additional disc recommended for flush mounting on low-density fibreboards < 110 kg/m³;
- “Rondella per lana di roccia Ø 140mm” additional disc recommended for flush mounting on lamellar rock wool panels.



NOTES

In the case of hollow bricks, drilling with a rotary motion only is recommended, and specific high-speed drill bits on the price list are recommended. Percussion drilling must be avoided at all costs. Flush mounting is permitted for insulation thicknesses ≥ 50 mm.

CERTIFICATIONS/CLASSIFICATIONS



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