

# TASSELLO CT 2 G

Technical Information Sheet - Issue 02/2022



**Universal screw anchor with galvanised steel screw for flush or recessed installation.**

## DESCRIPTION

Universal screw anchor for fastening insulation panels on concrete (A), solid bricks (B), hollow bricks (C), lightweight concrete (D), and aerated concrete (E) with galvanised steel screw. With certificate of conformity in accordance with EAD 330196-01-0604.

## OTHER CHARACTERISTICS

- The anchors can be installed using a specific tool for both flush and recessed installation, with the same length for both types of installation.
- Installation without milling dust.
- Quick installation
- Secure fastening and anchoring
- Even façades and finishes
- Reduced heat transmission: the use of the special EPS plug for flush installation guarantees a thermal conductivity point coefficient of  $\chi = 0.002 \text{ W/K}$
- The use of the special EPS/MW anchor cap for recessed installation guarantees a thermal conductivity point coefficient of  $\chi = 0.001 \text{ W/K}$ ;
- Suitable for firestops.

TECHNICAL DATA	Value
Available lengths	90, 115, 135, 155, 175, 195, 215, 235, 255, 275, 295, 315, 335, 355, 375, 395, 415, 435, 455 mm
Certifications	ETA-04/0023
Usage categories (EDA 330196-01-0604)	A, B, C, D, E
Thermal conductivity point X	0.001 W/K (recessed) 0.002 W/K (flush-mounted)
Anchoring depth	25 mm (A, B, C, D) 65 mm (E)
Mounting	TORX® T30 screwing
Φ plate	60 mm
Φ hole	8 mm
Depth of hole	flush-mounted: 35 mm (A, B, C, D) recessed: 55 mm (A, B, C, D) flush-mounted: 75 mm (E) recessed: 95 mm (E)

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Technical Information Sheet - Issue 02/2022



## Load capacity values (kN)

A - Concrete C12/15	1.5
B - Solid brick	1.5
C - Hollow brick	1.2
D - Lightweight concrete	0.9
E - Aerated concrete	0.75

## APPLICATION MATRIX

INSULATION THICKNESS (mm)	Other thicknesses (adhesive + plaster) [mm] anchoring depth = 25 mm (A, B, C, D)					
	10 <sup>1</sup>	30 <sup>2</sup>	50 <sup>3</sup>	70 <sup>3</sup>	90 <sup>3</sup>	110 <sup>3</sup>
	anchoring depth = 65 mm (E)					
	10 <sup>1</sup>	30 <sup>2</sup>	50 <sup>3</sup>	70 <sup>3</sup>	90 <sup>3</sup>	110 <sup>3</sup>
60	115	135	155			
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	315
200	235	255	275	295	315	335
220	255	275	295	315	335	355
240	275	295	315	335	355	375
260	295	315	335	375	395	395
280	315	335	375	395	395	415
300	335	375	395	395	415	435
320	375	395	395	415	435	455
340	395	395	415	435	455	
360	395	415	435	455		
380	415	435	455			
400	435	455				
420	455					

Only flush installation is permitted

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

<sup>2</sup> 10 mm thickness of adhesive + 20 mm thickness of plaster (existing substrates)

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

## ADDITIONAL ACCESSORIES

- "Talpa per tassello CT 2 G completo" circular drill with TORX 30 bit for concealed application;
- "Copritassello in EPS/LANA DI ROCCIA" cap to be ordered separately (for recessed mounting);
- "Tamponcino in EPS" plug to be ordered separately (for flush mounting);
- "Rondella per lana di roccia Ø 90mm" additional disc recommended for flush mounting on low-density fibreboards < 110 kg/m<sup>3</sup>;
- "Rondella per lana di roccia VT 2G" additional disc recommended for recessed mounting on both low-density fibreboards < 110 kg/m<sup>3</sup> and double-density fibreboards;
- "Rondella per lana di roccia Ø 140mm" additional disc recommended for flush mounting on lamellar rock wool panels.

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Technical Information Sheet - Issue 02/2022



## 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.

For recessed mounting (where permitted), the specific tool "Talpa per tassello CT 2 G completo" must be used. In the case of recessed mounting, the anchors must always be combined with the "Copritassello in EPS/LANA DI ROCCIA" cap, as required by the ETA certificate for the anchor. In the case of flush mounting, the anchors must always be combined with the "tamponcino in EPS" plug, as required by the ETA certificate for the anchor. Flush mounting is permitted for insulation thicknesses  $\geq 50$  mm; recessed mounting is permitted for insulation thicknesses  $\geq 80$  mm.

## CERTIFICATIONS/CLASSIFICATIONS



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