

DECLARATION of PERFORMANCE

according to Annex III of the regulation (EU) Nr. 305/2011 (construction product regulation)
DoP-01/2022

1. Unique identification code of the product-type: **ATI/TZE Easyfix**
2. Intended use or uses: **Anchor for fixing thermal insulation (in concrete and masonry, using category: A,B,C,D,E) with extended thrust zone, metal nail and extended thermal head. Anchor length: 120 – 300 mm**
3. Manufacturer: **“Amex Technika Kriplennya” Ltd, Pshenychna Str.,4,Kyiv,03134,Ukraine**
4. System(s) of assessment and verification of constancy of performance: **System 2+**
5. European Assessment Document: **EAD 330196-00-0604**
6. European Technical Assessment: **ETA-22/0349**
 Technical Assessment Body: **Technický a skúšobný ústav stavebný, n. o. (Building Testing and Research Institute) Studená 3, 821 04 Bratislava, Slovak Republic**
 Notified body or bodies: **TSUS 1301**
7. Declared performance:

Table C.1.1 – Characteristic resistance in tensile strength of single anchor Easyfix ATI/TZE

Use category	Base material	Compressive strength β (N/mm ²)	Bulk density (kg/m ³)	Remarks (standard)	N _{Rk} (kN)
A	Concrete	Class C 16/20 + C 50/60	≥ 2 200	- (EN 206:2013+A1:2016)	0,60
B	Clay bricks (Mz)	≥ 30	≥ 1 000	Cross section reduced up to 15 % by perforation vertically to the resting area (EN 771-1:2011+A1:2015)	0,55
C	Vertically perforated clay bricks (Hz)	≥ 12	≥ 600	Cross section reduced over 15 % and less than 50 % by perforation vertically to the resting area, exterior web thickness ≥ 12 mm (EN 771-1:2011+A1:2015)	0,45
D	Lightweight aggregate concrete blocks (LAC)	≥ 6	≥ 1 000	- (EN 1520:2011, EN 771-3:2011+A1:2015)	0,45
E	Autoclaved aerated concrete blocks (AAC)	≥ 2	≥ 400	- (EN 12602:2016, EN 771-3:2011+A1:2015)	0,20
Partial safety factor γ_M					2,0*

* In the absence of other national regulations.

Table C.1.2 – Displacement of anchors under tension loads

Base material	Tension load N (kN)	Displacement Δ_{5N} (mm)
Concrete	0,20	0,42
Vertically perforated clay bricks (Hlz)	0,15	0,65
Lightweight aggregate concrete blocks (LAC)	0,15	0,24
Autoclaved aerated concrete blocks (AAC)	0,07	0,23

Table C.1.3 – Plate stiffness

Anchor type	Diameter of the anchor plate (mm)	Load resistance – characteristic value (kN)	Plate stiffness – mean value (kN/mm)
Easyfix ATI/TZE	60	0,32	0,35

Table C.1.4 – Point thermal transmittance

Anchor type	Insulation thickness h_D (mm)	Point thermal transmittance χ (W/K)
Easyfix ATI/TZE	50 to 250	0,003

The performance of the product identified above is in conformity with the set of declared performance characteristics. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified above.



Igor Luchkevych
 Director
 13/10/2022