

## 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 $\beta$ (N/mm <sup>2</sup> )	Bulk density (kg/m <sup>3</sup> )	Remarks (standard)	N <sub>Rk</sub> (kN)
A	Concrete	Class C 16/20 + C 50/60	≥ 2 200	- (EN 206:2013+A1:2016)	<b>0,60</b>
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)	<b>0,55</b>
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)	<b>0,45</b>
D	Lightweight aggregate concrete blocks (LAC)	≥ 6	≥ 1 000	- (EN 1520:2011, EN 771-3:2011+A1:2015)	<b>0,45</b>
E	Autoclaved aerated concrete blocks (AAC)	≥ 2	≥ 400	- (EN 12602:2016, EN 771-3:2011+A1:2015)	<b>0,20</b>
Partial safety factor $\gamma_M$					<b>2,0*</b>

\* In the absence of other national regulations.

**Table C.1.2 – Displacement of anchors under tension loads**

Base material	Tension load $N$ (kN)	Displacement $\Delta_{5N}$ (mm)
Concrete	0,20	0,42
Vertically perforated clay bricks ( $H/z$ )	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 $\chi$ (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