



INSTYTUT TECHNIKI BUDOWLANEJ

★ Designated according  
to Article 29 of  
★ Regulation (EU) No 305/2011  
and member of EOTA  
(European Organisation for  
★ Technical Assessment)  
★ ★ ★

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**EOTA**  
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## European Technical Assessment

**ETA-25/0717  
of 19/08/2025**



### General Part

**Technical Assessment Body issuing the  
European Technical Assessment**

**Trade name of the construction product**

**Product family to which the construction  
product belongs**

**Manufacturer**

**Manufacturing plant**

**This European Technical Assessment  
contains**

**This European Technical Assessment is  
issued in accordance with regulation (EU)  
No 305/2011, on the basis of**

Instytut Techniki Budowlanej

T ETX-M, T ETX-MT, T ETX-S, T ETX-ST  
and T ETX-PA

Nailed-in and screwed-in plastic anchors for  
fixing of external thermal insulation composite  
systems (ETICS)

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39-300 Mielec, Poland  
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www.trutek.com.pl  
www.trutekfasteners.eu

Manufacturing plant no 1

25 pages including 3 Annexes which form an  
integral part of this Assessment

European Assessment Document (EAD)  
330196-01-0604 "Plastic anchors made of virgin  
or non-virgin material for fixing of external  
thermal insulation composite systems with  
rendering"

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## Specific Part

### 1 Technical description of the product

The T ETX-M nailed-in plastic anchor consists of an anchor sleeve with a plate made of polypropylene (virgin material) and an accompanying specific steel nail as an expansion pin.

The T ETX-MT nailed in and screwed in plastic anchor consists of anchor sleeve with a plate made of polypropylene (virgin material) and an accompanying specific steel threaded nail as an expansion pin.

The T ETX-S nailed-in plastic anchor consists of an anchor sleeve with a plate made of polypropylene (virgin material) and an accompanying specific steel nail as an expansion pin.

The T ETX-ST screwed in plastic anchor consists of anchor sleeve with a plate made of polypropylene (virgin material) and an accompanying specific steel screw as an expansion pin.

The T ETX-PA nailed-in plastic anchor consists of an anchor sleeve with a plate made of polypropylene (virgin material) and an accompanying specific nail as an expansion pin made of the glass fibre reinforced polyamide (virgin material).

The plastic anchor sleeve is expanded by hammering or screwing an expansion pin, which press the sleeve against the wall of the drilled hole.

The T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA anchors may in addition be combined with the plastic plates TIAPP90, TIAPP110, TIAPP130 and TIAPP110 G.

The description of the products is given in Annex A.

### 2 Specification of the intended use in accordance with the applicable European Assessment Document (EAD)

The performances given in Annex C are only valid if the anchor is used in compliance with the specifications and conditions given in Annex B.

The provisions made in this European Technical Assessment are based on an assumed working life of the anchor of 25 years. The indications given on the working life cannot be interpreted as a guarantee given by the producer or Technical Assessment Body, but are to be regarded only as a means for choosing the right products in relation to the expected economically reasonable working life of the works.

### 3 Performance of the product and references to the methods used for its assessment

#### 3.1 Performance of the product

##### 3.1.1 Safety and accessibility in use (BWR 4)

Essential characteristic	Performance
Characteristic resistance	Annex C1
Edge distances and spacings	Annex B2
Plate stiffness	Annex C2
Displacements	Annex C3

##### 3.1.2 Energy economy and heat retention (BWR 6)

Essential characteristic	Performance
Point thermal transmittance	Annex C2

### 3.2 Methods used for the assessment

The assessment has been made in accordance with EAD 330196-01-0604.

### 4 Assessment and verification of constancy of performance (AVCP) system applied, with reference to its legal base

According to Decision 97/463/EC of the European Commission the system 2+ of assessment and verification of constancy of performance (see Annex V to regulation (EU) No 305/2011) applies.

### 5 Technical details necessary for the implementation of the AVCP system, as provided in the applicable European Assessment Document (EAD)

Technical details necessary for the implementation of the AVCP system are laid down in the control plan deposited in Instytut Techniki Budowlanej.

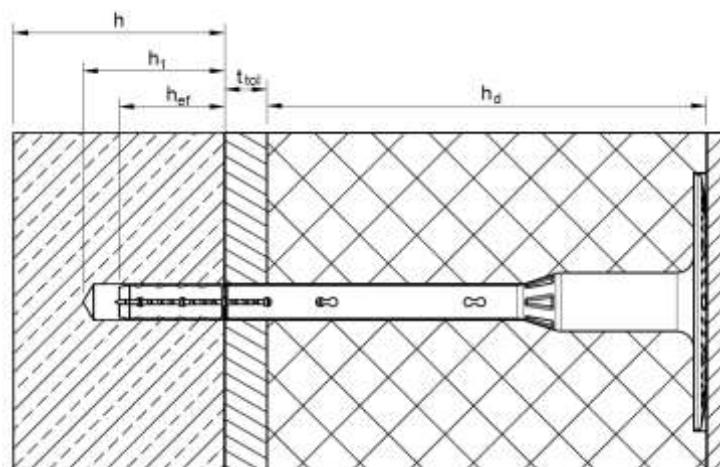
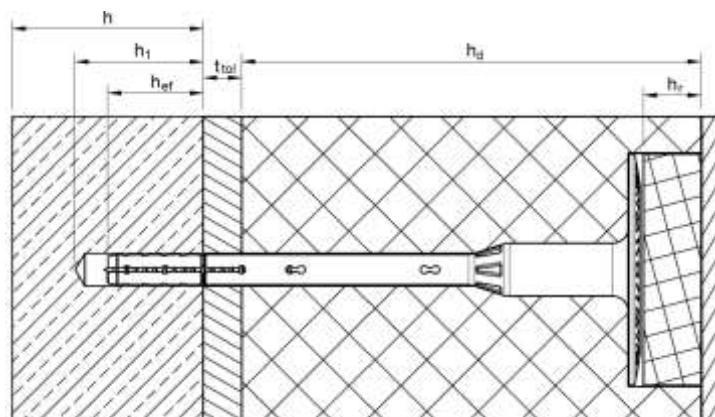
For type testing the results of the tests performed as part of the assessment for the European Technical Assessment shall be used unless there are changes in the production line or plant. In such cases the necessary type testing has to be agreed between Instytut Techniki Budowlanej and the notified body.

Issued in Warsaw on 19/08/2025 by Instytut Techniki Budowlanej



Anna Panek, MSc

Deputy Director of ITB

**Surface assembly:****Countersunk assembly:****Intended Use:**

Fixing of external thermal insulation composite systems (ETICS) in concrete and masonry

**Legend:**

$h_{\text{nom}} = h_{\text{ef}} =$  effective anchorage depth

$h_1 =$  depth of drill hole in base material

$h =$  thickness of base material

$h_d =$  thickness of insulation material

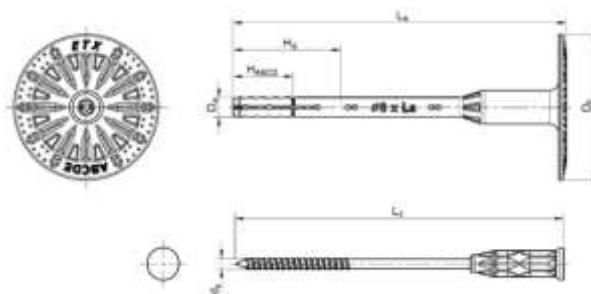
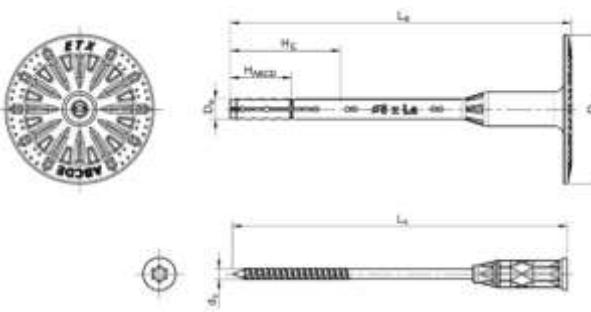
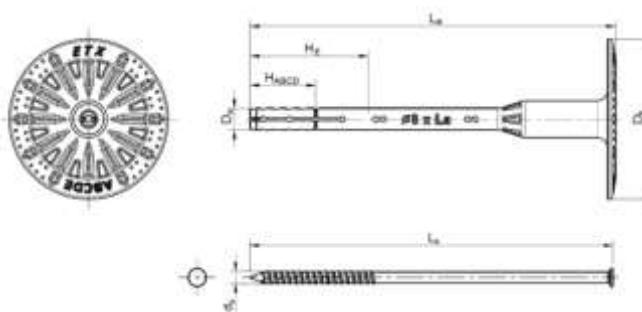
$h_r =$  thickness of insulation cap

$t_{\text{tol}} =$  thickness of equalizing and/or non-load-bearing layer

**T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA**

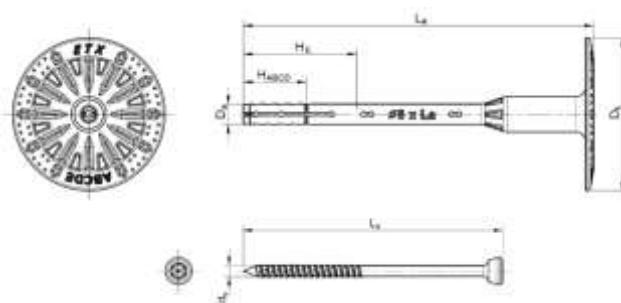
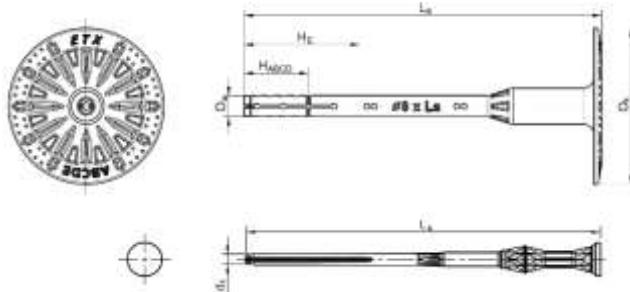
**Annex A1**  
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Technical Assessment  
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**Product description**  
Installation conditions

**T ETX-M:****T ETX-MT:****T ETX-S:****T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA**

**Product description**  
 Marking of the anchor sleeve and expansion element  
 of T ETX-M, T ETX-MT and T ETX-S anchors

**Annex A2**  
 of European  
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**T ETX-ST:****T ETX-PA:****T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA**

**Product description**  
Marking of the anchor sleeve and expansion element  
of T ETX-ST and T ETX-PA anchors

**Annex A3**  
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**Table A1: T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T EXT-PA anchor types and dimensions [mm]**

Anchor type	Anchor sleeve				Expansion pin	
	$D_a \pm 0,1$	$L_a \pm 2$	$D_k \pm 1,5$	$h_{ef} = h_{nom}$	$d_s \pm 0,1$	$L_s \pm 2$
T ETX-M ( $d_{nom}$ ) x $L_a$	8	75 - 555	60	25 <sup>1)</sup> / 45 <sup>2)</sup>	4,4	79 - 559
T ETX-MT ( $d_{nom}$ ) x $L_a$	8	75 - 555	60	25 <sup>1)</sup> / 45 <sup>2)</sup>	4,4	79 - 559
T ETX-S ( $d_{nom}$ ) x $L_a$	8	75 - 555	60	25 <sup>1)</sup> / 45 <sup>2)</sup>	4,4	80 - 560
T ETX-ST ( $d_{nom}$ ) x $L_a$	8	75 - 555	60	25 <sup>1)</sup> / 45 <sup>2)</sup>	4,4	45 - 525
T ETX-PA ( $d_{nom}$ ) x $L_a$	8	75 - 555	60	25 <sup>1)</sup> / 45 <sup>2)</sup>	5,3	80 - 560

<sup>1)</sup> For base material group A, B, C and D<sup>2)</sup> For base material group E

Determination of maximum thickness of insulation material:

For surface assembly:  $h_d = L_a - t_{tol} - h_{ef}$ For countersunk assembly:  $h_d = L_a - t_{tol} - h_{ef} + 20 \text{ mm}$ **T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA**

**Annex A4**  
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**Product description**

Types and dimensions of the anchor sleeve and expansion element of T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA anchors

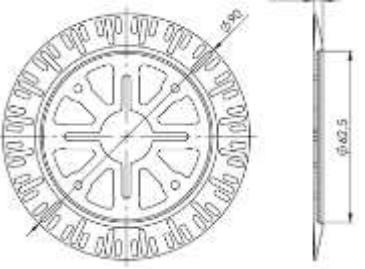
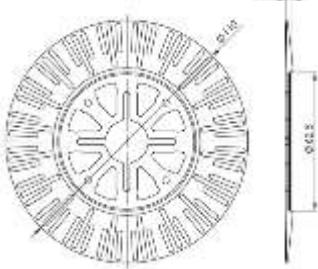
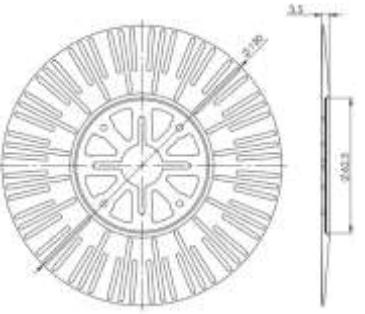
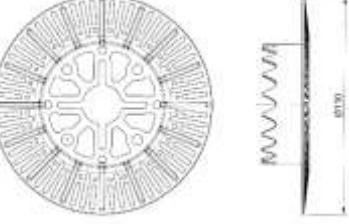
**Table A2: Materials**

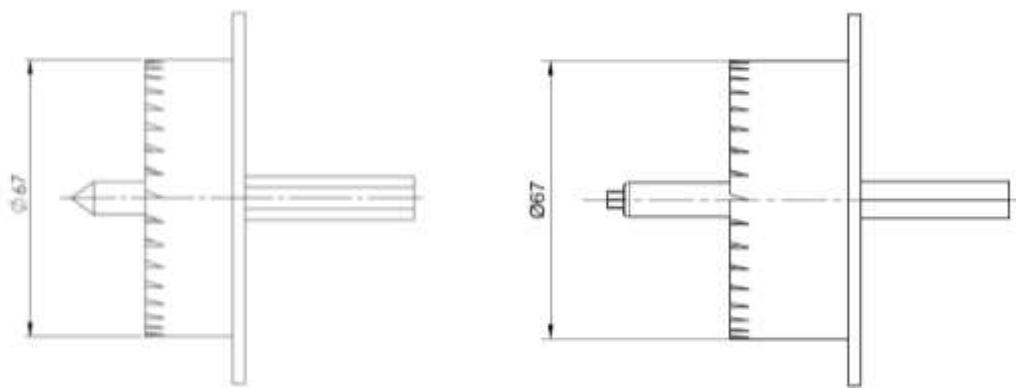
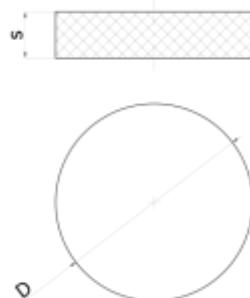
<b>Designation</b>		<b>Material</b>
Anchor sleeve		Virgin plastic: polypropylene PP, natural, grey, orange or blue
Expansion pin	T ETX-M, T ETX-MT, T ETX-S and T ETX-ST	Carbon steel, electroplated $\geq 5 \mu\text{m}$ according to EN ISO 4042
	T ETX-PA	Virgin plastic: polyamide PA6 reinforced with glass fibre GF30, natural or black

**T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA**

**Annex A5**  
of European  
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**Product description**  
Materials

 <b>TIAPP90</b>	 <b>TIAPP110</b>
 <b>TIAPP130</b>	 <b>TIAPP110 G</b>
<b>Table A3: Additional plates TIAPP90, TIAPP110, TIAPP130 and TIAPP110 G</b>	
<b>Plate type</b> TIAPP90 TIAPP110 TIAPP130 TIAPP110 G	<b>Outer diameter [mm]</b> 90 110 130 110
<b>Product description</b> Additional plates TIAPP90, TIAPP110, TIAPP130 and TIAPP110 G	
<b>Annex A6</b> of European Technical Assessment ETA-25/0717	

**Cutters for countersunk assembly:****TIADC****ETX-Tool****Insulation cap:****Table A4: Insulation cap**

Thickness, $s$ [mm]	Diameter, $D$ [mm]	Material
17	67	expanded polystyrene (EPS) or mineral wool (MW)

**T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA****Product description**  
Cutters TIADC and ETX-Tool for countersunk assembly  
and insulation cap**Annex A7**  
of European  
Technical Assessment  
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**Specification of intended use****Anchors subject to:**

- Wind suction loads.

Note: The anchor shall not be used for the transmission of dead loads of the external thermal insulation composite system (ETICS).

**Base materials:**

- Normal weight concrete (base material group A), according to Annex C1.
- Solid masonry (base material group B), according to Annex C1.
- Hollow or perforated masonry (base material group C), according to Annex C1.
- Lightweight aggregate concrete (base material group D), according to Annex C1.
- Autoclaved aerated concrete (base material group E), according to Annex C1.
- For other base materials of the base material groups A, B, C, D or E the characteristic resistance of the anchor may be determined by job site tests according to EOTA Technical Report TR 051, edition April 2018.

**Temperature range:**

- 0°C to +40°C (max. short term temperature +40°C and max. long term temperature +24°C).

**Design:**

- The anchorages are designed under the responsibility of an engineer experienced in anchorages and masonry work with the partial safety factors  $\gamma_M = 2,0$  and  $\gamma_F = 1,5$ , if there are no other national regulations.
- Verifiable calculation notes and drawings with anchor positions are prepared taking into account of the loads to be anchored.
- Fasteners are only to be used for multiple fixings of external thermal insulation composite system (ETICS), according to EAD 330196-01-0604.

**Installation:**

- Hole shall be drilled by the drill modes according to Annex C1.
- Anchor installation shall be carried out by appropriately qualified personnel and under the supervision of the person responsible for technical matters of the site.
- Installation shall be executed in temperature from 0°C to +40°C.
- Exposure to UV due to solar radiation of the anchor not protected by rendering shall not exceed 6 weeks.

**T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA**

**Annex B1**  
of European  
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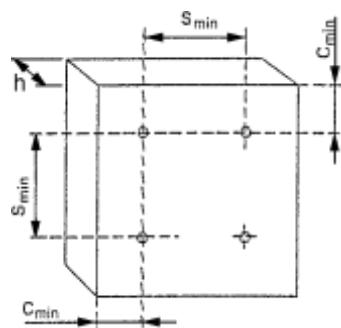
**Intended use**  
Specifications

**Table B1: Installation characteristics**

Anchor type	T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA	
Base material group	A, B, C, D	E
Drill hole diameter	$d_o$ [mm]	8,00
Cutting diameter of drill bit	$d_{cut}$ [mm]	$\leq 8,45$
Depth of drill hole	$h_1$ [mm]	$\geq 35$
Effective anchorage depth	$h_{ef} = h_{nom}$ [mm]	$\geq 25$
		$\geq 45$

**Table B2: Minimum thickness of base material, spacing and edge distance**

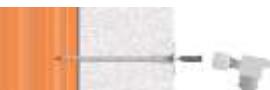
Anchor type	T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA	
Minimum thickness of base material	$h$ [mm]	100
Minimum spacing	$s_{min}$ [mm]	100
Minimum edge distance	$c_{min}$ [mm]	100


**T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA**
**Annex B2**  
 of European  
 Technical Assessment  
 ETA-25/0717

**Intended use**

Installation characteristics, minimum thickness of base material, spacing and edge distance

**Table B3: Installation instruction of T ETX-M anchor – surface and countersunk assembly**

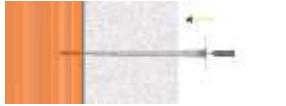
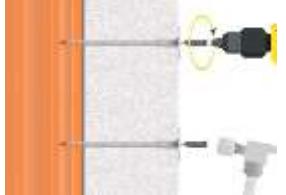
Surface assembly:	Countersunk assembly with TIADC cutter:
	1. Drill the hole perpendicular to the substrate surface. Clean the drill hole. 
	2. Place an anchor sleeve in the drill hole. The bottom side of the plate must be flush with the ETICS. 
	3. Drive in a specific nail using the hammer. 
	4. Assembled anchor. 
	 5. Install the insulation cover.
	 6. Assembled anchor.

**T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA**

**Intended use**  
 Installation instruction of T ETX-M anchor –  
 surface and countersunk assembly

**Annex B3**  
 of European  
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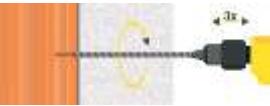
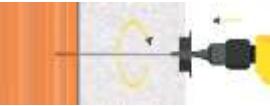
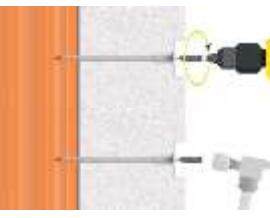
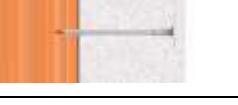
**Table B4: Installation instruction of T ETX-MT anchor – surface assembly**

Surface assembly:	
	1. Drill the hole perpendicular to the substrate surface. Clean the drill hole.
	2. Place an anchor sleeve in the drill hole. The bottom side of the plate must be flush with the ETICS.
	3. Drive in a specific nail using the screwdriver or the hammer.
	4. Assembled anchor.

**T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA****Annex B4**  
of European  
Technical Assessment  
ETA-25/0717**Intended use**

Installation instruction of T ETX-MT anchor – surface assembly

**Table B5: Installation instruction of T ETX-MT anchor – countersunk assembly**

Countersunk assembly with TIADC cutter:	Countersunk assembly with ETX-Tool cutter:
	1. Drill the hole perpendicular to the substrate surface. Clean the drill hole.
	2. Drill a slot for countersunk installation with the TIADC cutter.
	3. Place an anchor sleeve in the drill hole. The bottom side of the plate must be flush with the ETICS.
	4. Drive in a specific nail using the screwdriver or the hammer.
	5. Install the insulation cover.
	6. Assembled anchor.

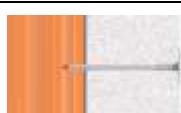
**T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA**

**Annex B5**  
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**Intended use**

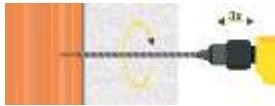
Installation instruction of T ETX-MT anchor – countersunk assembly

**Table B6: Installation instruction of T ETX-S anchor – surface and countersunk assembly**

Surface assembly:	Countersunk assembly with TIADC cutter:
	1. Drill the hole perpendicular to the substrate surface. Clean the drill hole.
	2. Drill a slot for countersunk installation using the drill with the TIADC cutter.
	3. Place an anchor sleeve in the drill hole. The bottom side of the plate must be flush with the ETICS.
	4. Drive in a specific nail using the hammer.
	5. Install the insulation cover.
	6. Assembled anchor.

**T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA****Annex B6**  
of European  
Technical Assessment  
ETA-25/0717**Intended use**  
Installation instruction of T ETX-S anchor –  
surface and countersunk assembly

**Table B7: Installation instruction of T ETX-ST anchor – surface assembly**

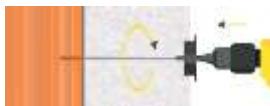
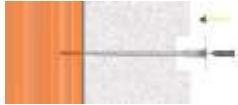
Surface assembly:	
	1. Drill the hole perpendicular to the substrate surface. Clean the drill hole.
	2. Place an anchor sleeve in the drill hole. The bottom side of the plate must be flush with the ETICS.
	3. Drive in a specific nail using the screwdriver.
	4. Assembled anchor.

<b>T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA</b>	<b>Annex B7</b> of European Technical Assessment ETA-25/0717
<b>Intended use</b> Installation instruction of T ETX-ST anchor – surface assembly	

**Intended use**

Installation instruction of T ETX-ST anchor – surface assembly

**Table B8: Installation instruction of T ETX-ST anchor – countersunk assembly**

Countersunk assembly with TIADC cutter:	Countersunk assembly with ETX-Tool cutter:
	1. Drill the hole perpendicular to the substrate surface. Clean the drill hole.
	2. Drill a slot for countersunk installation with the TIADC cutter.
	3. Place an anchor sleeve in the drill hole. The bottom side of the plate must be flush with the ETICS.
	4. Drive in a specific nail using the screwdriver.
	5. Install the insulation cover.
	6. Assembled anchor.

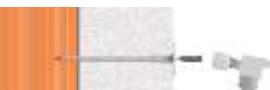
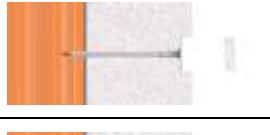
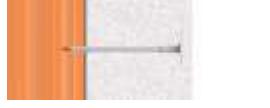
**T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA**

**Annex B8**  
of European  
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**Intended use**

Installation instruction of T ETX-ST anchor – countersunk assembly

**Table B3: Installation instruction of T ETX-PA anchor – surface and countersunk assembly**

Surface assembly:	Countersunk assembly with TIADC cutter:
	<p>1. Drill the hole perpendicular to the substrate surface. Clean the drill hole.</p> 
	<p>2. Place an anchor sleeve in the drill hole. The bottom side of the plate must be flush with the ETICS.</p> 
	<p>3. Drive in a specific nail using the hammer.</p> 
	<p>4. Assembled anchor.</p> 
	<p>5. Install the insulation cover.</p> 
	<p>6. Assembled anchor.</p> 

**T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA**

**Intended use**  
 Installation instruction of T ETX-PA anchor –  
 surface and countersunk assembly

**Annex B9**  
 of European  
 Technical Assessment  
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**Table C1.1: Characteristic resistance under tension loads  $N_{Rk}$  in concrete and in masonry for single anchor**

Base material group	Base material	Bulk density [kg/dm <sup>3</sup> ]	Compressive strength [N/mm <sup>2</sup> ]	Referring standard	$N_{Rk}$ [kN]		Drill method		
					T ETX-M	T ETX-MT			
A	Concrete C12/15		EN 206-1		0,90	0,90	hammer		
	Concrete C16/20 – C50/60		EN 206-1		1,30	1,30	hammer		
	Thin concrete members C16/20 – C50/60		EN 206-1		1,30	1,30	hammer		
B	Clay brick MZ 	≥ 1,80	≥ 15,0	EN 771-1	1,30	1,20	hammer		
	Calcium silicate brick KS 	≥ 1,80	≥ 15,0	EN 771-2	1,30	1,20	hammer		
C	Calcium silicate hollow block KSL  a <sup>1)</sup> = 40 mm	≥ 1,60	≥ 12,0	EN 771-2	1,30	1,20	hammer		
	Vertically perforated clay bricks Porotherm 25  a <sup>1)</sup> = 12 mm	≥ 0,80	≥ 15,0	EN 771-1	0,50	0,50	rotary		
	Vertically perforated clay bricks Porotherm 25  a <sup>1)</sup> = 17 mm	≥ 0,80	≥ 15,0	EN 771-1	0,70	0,70	rotary		

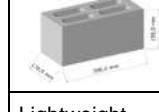
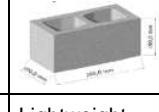
<sup>1)</sup> Minimum values "a". For elements with lower value of "a" the load tests on the construction site are required

**T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA**

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**Performances**  
Characteristic resistance

**Table C1.2: Characteristic resistance under tension loads  $N_{Rk}$  in concrete and in masonry for single anchor**

Base material group	Base material	Bulk density [kg/dm <sup>3</sup> ]	Compressive strength [N/mm <sup>2</sup> ]	Referring standard	$N_{Rk}$ [kN]		Drill method
					T ETX-M	T EXT-MT	
C	Lightweight concrete hollow block HBL a <sup>1)</sup> = 33 mm 	≥ 0,80	≥ 2,0	EN 771-3	0,60	0,60	rotary
	Lightweight concrete hollow block Tekno Amerblok PK17,8 a <sup>1)</sup> = 30 mm 	≥ 1,50	≥ 25,0	EN 771-3	1,30	1,30	rotary
	Lightweight concrete hollow block Tekno Amerblok PK19 a <sup>1)</sup> = 30 mm 	≥ 1,10	≥ 20,0	EN 771-3	1,30	1,30	rotary
D	Lightweight concrete block LAC	≥ 0,88	≥ 5,0	EN 771-3	0,60	0,60	rotary
E	Autoclaved aerated concrete block AAC2	≥ 0,35	≥ 2,0	EN 771-4	0,50	0,50	rotary
	Autoclaved aerated concrete block AAC7	≥ 0,65	≥ 5,0	EN 771-4	0,90	0,90	rotary
Partial safety factor for anchor resistance, $\gamma_M$ <sup>2)</sup>		2,0					
<sup>1)</sup> Minimum values "a". For elements with lower value of "a" the load tests on the construction site are required <sup>2)</sup> Valid in absence of other national regulations							

**T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA**

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Characteristic resistance

**Table C2.1: Point thermal transmittance according to EOTA Technical Report TR 025**

Anchor type	Insulation thickness $H_D$ [mm]	Point thermal transmittance $\chi$ [W/K]
<b>Surface installation</b>		
T ETX-M and T ETX-MT	70	0,002
	150	0,002
	530	0,001
T ETX-S	70	0,004
	150	0,003
	530	0,002
T ETX-ST	70	0,001
	150	0,002
	530	0,001
T ETX-PA	70	0,000
	150	0,000
	530	0,000
<b>Countersunk installation</b>		
T ETX-M and T ETX-MT	90	0,002
	150	0,002
	550	0,001
T ETX-S	90	0,002
	150	0,002
	550	0,001
T ETX-ST	90	0,001
	150	0,002
	550	0,001
T ETX-PA	90	0,000
	150	0,000
	550	0,000

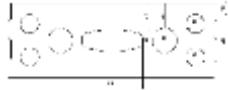
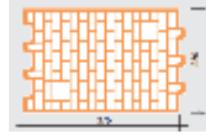
**Table C2.2: Plate stiffness according to EOTA Technical Report TR 026**

Anchor type	Diameter of the anchor plate $d_{plate}$ [mm]	Load resistance of the anchor plate $N_{u,m}$ [kN]	Plate stiffness $N_{0,m}$ [kN/mm]
T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA	60	1,95	1,0

**T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA**
**Performances**  
 Point thermal transmittance and plate stiffness

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Table C3.1: Displacements

Base material group	Base material	Bulk density [kg/dm <sup>3</sup> ]	Compressive strength [N/mm <sup>2</sup> ]	$\frac{N_{Rk}}{3}$ [kN]		$\delta\left(\frac{N_{Rk}}{3}\right)$ [mm]							
				T ETX-M	T EXT-MT	T ETX-S	T ETX-ST	T ETX-PA	T ETX-M	T EXT-MT	T ETX-S	T ETX-ST	T ETX-PA
A	Concrete C12/15	–	–	0,30	0,30	0,09	0,07						
	Concrete C16/20 – C50/60	–	–	0,43	0,43	0,14	0,09						
	Thin concrete members C16/20 – C50/60	–	–	0,43	0,43	0,14	0,09						
B	Clay brick MZ	≥ 1,80	≥ 15,0	0,43	0,40	0,09	0,06						
	Calcium silicate brick KS	≥ 1,80	≥ 15,0	0,43	0,40	0,09	0,06						
C	Calcium silicate hollow block KSL  a <sup>1)</sup> = 40 mm	≥ 1,60	≥ 12,0	0,43	0,40	0,09	0,06						
	Vertically perforated porosited block Porotherm 25  a <sup>1)</sup> = 12 mm	≥ 0,80	≥ 15,0	0,17	0,17	0,09	0,06						
	Vertically perforated porosited block Porotherm 25  a <sup>1)</sup> = 17 mm	≥ 0,80	≥ 15,0	0,23	0,23	0,09	0,06						

<sup>1)</sup> Minimum values "a". For elements with lower value of "a" the load tests on the construction site are required

T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA

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Table C3.2: Displacements

Base material group	Base material	Bulk density [kg/dm <sup>3</sup> ]	Compressive strength [N/mm <sup>2</sup> ]	$\frac{N_{Rk}}{3}$ [kN]		$\delta\left(\frac{N_{Rk}}{3}\right)$ [mm]	
				T ETX-M	T EXT-MT	T ETX-PA	T ETX-ST
C	Lightweight concrete hollow block HBL a <sup>1)</sup> = 33 mm 	≥ 0,80	≥ 2,0	0,20	0,20	0,09	0,06
	Lightweight concrete hollow block Tekno Amerblok PK17,8 a <sup>1)</sup> = 30 mm 	≥ 1,50	≥ 25,0	0,43	0,43	0,14	0,09
	Lightweight concrete hollow block Tekno Amerblok PK19 a <sup>1)</sup> = 30 mm 	≥ 1,10	≥ 20,0	0,43	0,43	0,14	0,09
D	Lightweight concrete block LAC	≥ 0,88	≥ 5,0	0,20	0,20	0,21	0,06
E	Autoclaved aerated concrete block AAC2	≥ 0,35	≥ 2,0	0,17	0,17	0,17	0,05
	Autoclaved aerated concrete block AAC7	≥ 0,65	≥ 5,0	0,30	0,30	0,17	0,05

<sup>1)</sup> Minimum values "a". For elements with lower value of "a" the load tests on the construction site are required

T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA

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Displacements

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