



INSTYTUT TECHNIKI BUDOWLANEJ



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European Technical Assessment

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



General Part

Technical Assessment Body issuing the European Technical Assessment

Instytut Techniki Budowlanej

Trade name of the construction product

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

Product family to which the construction product belongs

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

Manufacturer

Trutek Fasteners Polska Sp. z o.o.
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39-300 Mielec, Poland
e-mail: info@trutek.com.pl
www.trutek.com.pl
www.trutekfasteners.eu

Manufacturing plant

Manufacturing plant no 1

This European Technical Assessment contains

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

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

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.

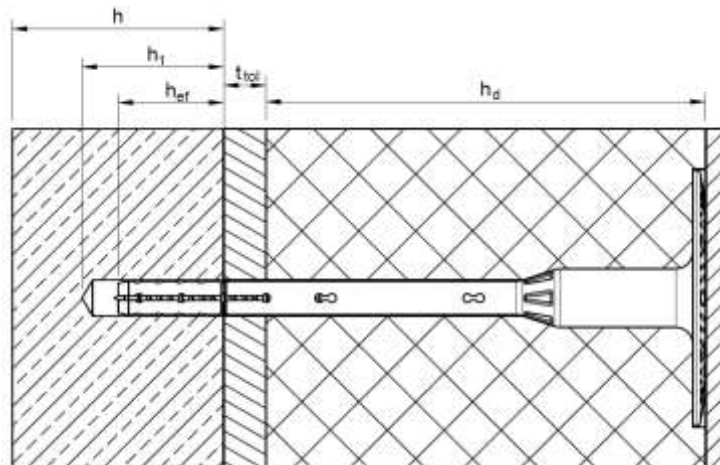
For type testing the results of the tests performed as part of the assessment for the European Technical Assessment shall be used unless there are changes in the production line or plant. In such cases the necessary type testing has to be agreed between Instytut Techniki Budowlanej and the notified body.

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

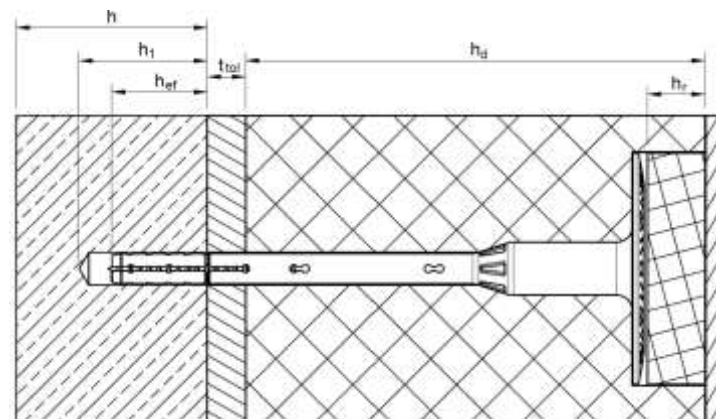


Anna Panek, MSc
Deputy Director of ITB

Surface assembly:



Countersunk assembly:



Intended Use:

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

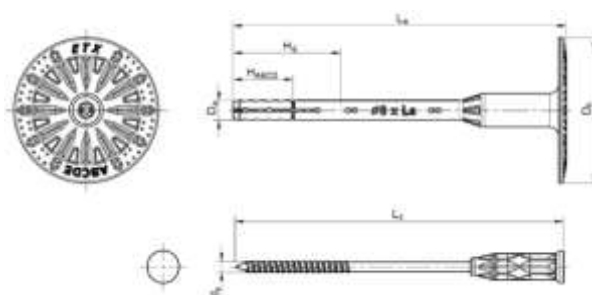
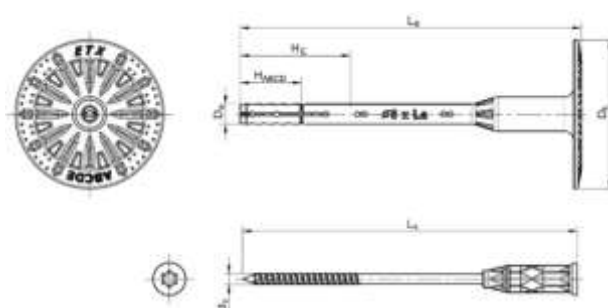
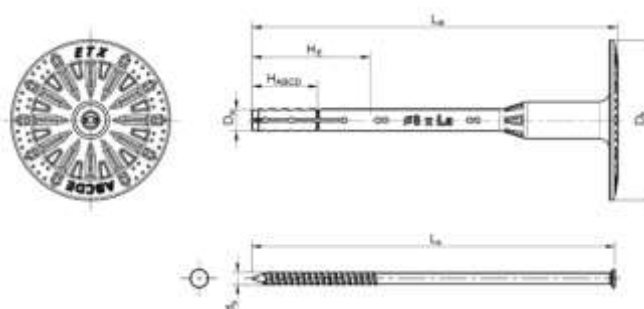
Legend:

- $h_{nom} = h_{ef}$ = 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_{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

Product description
Installation conditions

Annex A1
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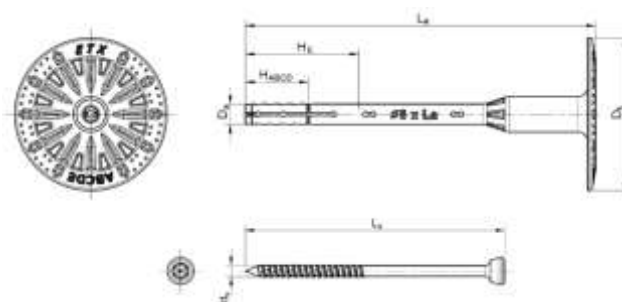
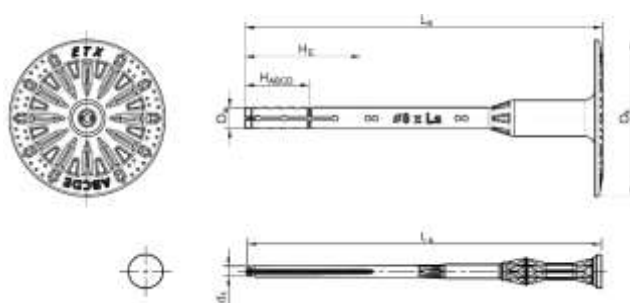
T ETX-M:**T ETX-MT:****T ETX-S:**

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

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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

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Table A1: T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-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 ¹⁾ / 45 ²⁾	4,4	79 - 559
T ETX-MT (d_{nom}) x L_a	8	75 - 555	60	25 ¹⁾ / 45 ²⁾	4,4	79 - 559
T ETX-S (d_{nom}) x L_a	8	75 - 555	60	25 ¹⁾ / 45 ²⁾	4,4	80 - 560
T ETX-ST (d_{nom}) x L_a	8	75 - 555	60	25 ¹⁾ / 45 ²⁾	4,4	45 - 525
T ETX-PA (d_{nom}) x L_a	8	75 - 555	60	25 ¹⁾ / 45 ²⁾	5,3	80 - 560

¹⁾ For base material group A, B, C and D

²⁾ 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

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

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Table A2: Materials

Designation		Material
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
Product description
Materials

Annex A5
of European
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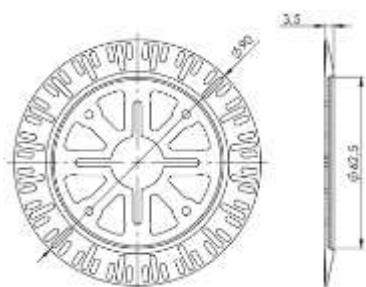
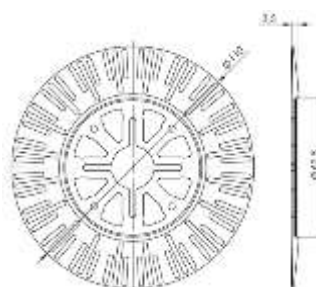
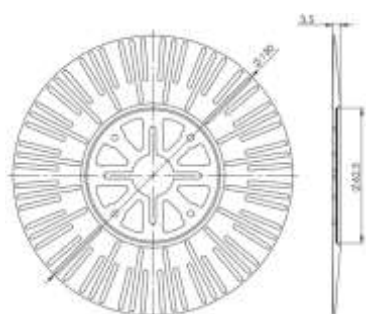
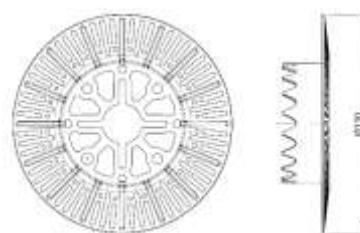
**TIAPP90****TIAPP110****TIAPP130****TIAPP110 G****Table A3: Additional plates TIAPP90, TAIPP110, TIAPP130 and TIAPP110 G**

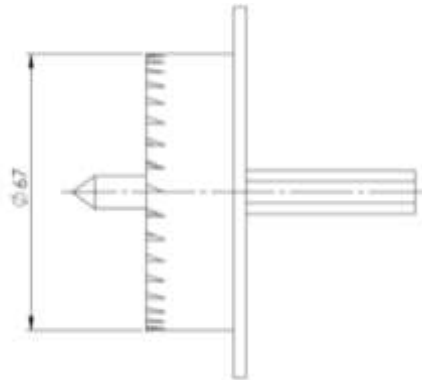
Plate type	Outer diameter [mm]	Material
TIAPP90	90	Polyamide PA6 reinforced with glass fibre GF30 (natural or grey) or polypropylene PP (natural or grey)
TIAPP110	110	
TIAPP130	130	
TIAPP110 G	110	

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

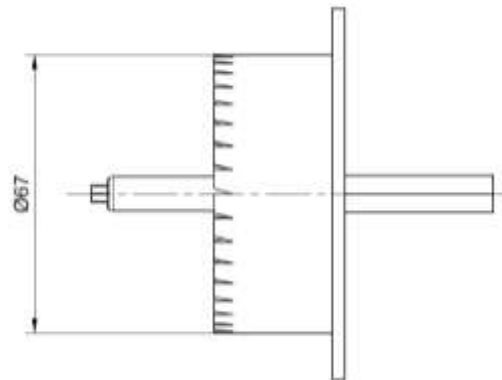
Product description
Additional plates TIAPP90, TIAPP110, TIAPP130 and TIAPP110 G

Annex A6
of European
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Cutters for countersunk assembly:



TIADC



ETX-Tool

Insulation cap:

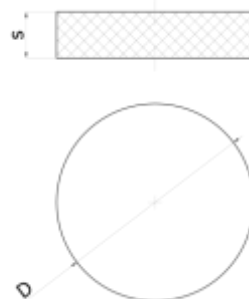


Table A4: Insulation cap

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

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Specification of intended use

Anchorage 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

Intended use
Specifications

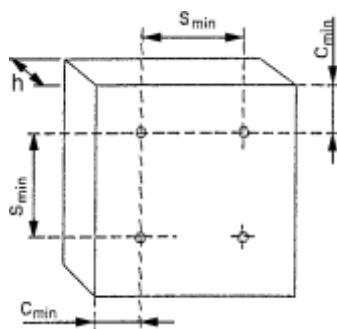
Annex B1
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Table B1: Installation characteristics

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]	≥ 35	≥ 55
Effective anchorage depth	$h_{ef} = h_{nom}$ [mm]	≥ 25	≥ 45

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

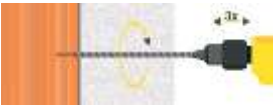
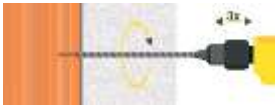
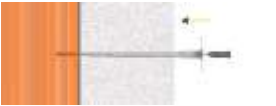
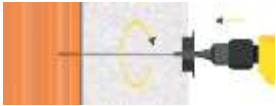




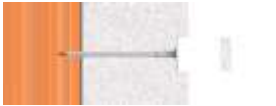

Anchor type		T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA
Minimum thickness of base material	h [mm]	100
Minimum spacing	s_{min} [mm]	100
Minimum edge distance	c_{min} [mm]	100


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

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

Annex B2
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Table B3: Installation instruction of T ETX-M anchor – surface and countersunk assembly



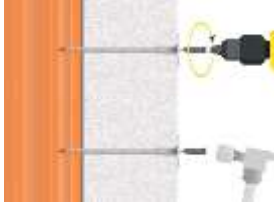

Surface assembly:		Countersunk assembly with TIADC cutter:	
	1. Drill the hole perpendicular to the substrate surface. Clean the drill hole.		1. Drill the hole perpendicular to the substrate surface. Clean the drill hole.
	2. Place an anchor sleeve in the drill hole. The bottom side of the plate must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

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

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Table B4: Installation instruction of T ETX-MT anchor – surface assembly

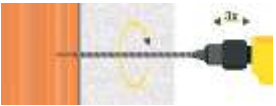
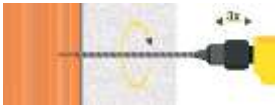
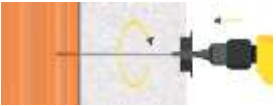
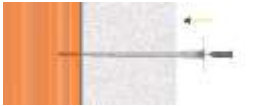

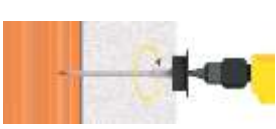
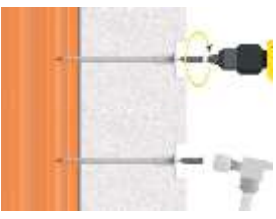

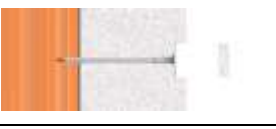
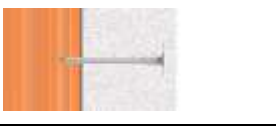
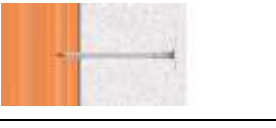
Surface assembly:	
	1. Drill the hole perpendicular to the substrate surface. Clean the drill hole.
	2. Place an anchor sleeve in the drill hole. The bottom side of the plate must be flush with the ETICS.
	3. Drive in a specific nail using the screwdriver or the hammer.
	4. Assembled anchor.

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

Intended use
Installation instruction of T ETX-MT anchor – surface assembly

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



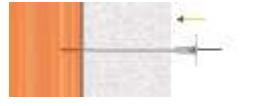
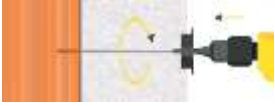



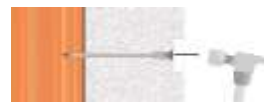


Countersunk assembly with TIADC cutter:		Countersunk assembly with ETX-Tool cutter:	
	1. Drill the hole perpendicular to the substrate surface. Clean the drill hole.		1. Drill the hole perpendicular to the substrate surface. Clean the drill hole.
	2. Drill a slot for countersunk installation with the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

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

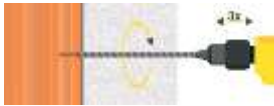

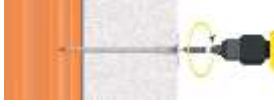

Surface assembly:		Countersunk assembly with TIADC cutter:	
	1. Drill the hole perpendicular to the substrate surface. Clean the drill hole.		1. Drill the hole perpendicular to the substrate surface. Clean the drill hole.
	2. Place an anchor sleeve in the drill hole. The bottom side of the plate must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

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

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



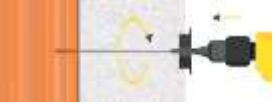

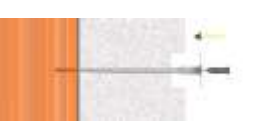

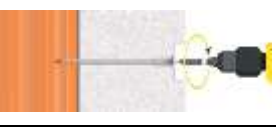
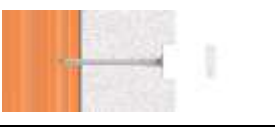
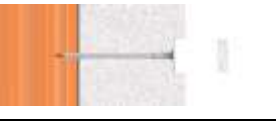
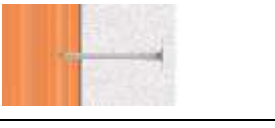
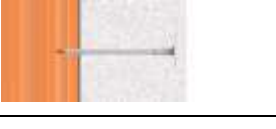
Surface assembly:	
	1. Drill the hole perpendicular to the substrate surface. Clean the drill hole.
	2. Place an anchor sleeve in the drill hole. The bottom side of the plate must be flush with the ETICS.
	3. Drive in a specific nail using the screwdriver.
	4. Assembled anchor.

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

Intended use
Installation instruction of T ETX-ST anchor – surface assembly

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

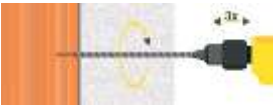
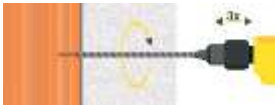
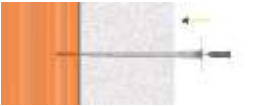
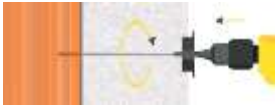




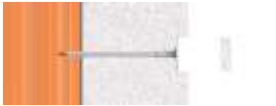

Countersunk assembly with TIADC cutter:		Countersunk assembly with ETX-Tool cutter:	
	1. Drill the hole perpendicular to the substrate surface. Clean the drill hole.		1. Drill the hole perpendicular to the substrate surface. Clean the drill hole.
	2. Drill a slot for countersunk installation with the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

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




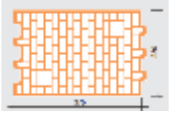

Surface assembly:		Countersunk assembly with TIADC cutter:	
	1. Drill the hole perpendicular to the substrate surface. Clean the drill hole.		1. Drill the hole perpendicular to the substrate surface. Clean the drill hole.
	2. Place an anchor sleeve in the drill hole. The bottom side of the plate must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

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

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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 ³]	Compressive strength [N/mm ²]	Referring standard	N_{Rk} [kN]		Drill method
					T ETX-M T ETX-MT T ETX-S T ETX-ST	T ETX-PA	
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  $a^1 = 40$ mm	≥ 1,60	≥ 12,0	EN 771-2	1,30	1,20	hammer
	Vertically perforated clay bricks Porothersm 25  $a^1 = 12$ mm	≥ 0,80	≥ 15,0	EN 771-1	0,50	0,50	rotary
	Vertically perforated clay bricks Porothersm 25  $a^1 = 17$ mm	≥ 0,80	≥ 15,0	EN 771-1	0,70	0,70	rotary
¹⁾ 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

Performances
Characteristic resistance

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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/dm³]	Compressive strength [N/mm²]	Referring standard	N _{Rk} [kN]		Drill method
					T ETX-M T EXT-MT T ETX-S T ETX-ST	T ETX-PA	
C	Lightweight concrete hollow block HBL a ¹⁾ = 33 mm 	≥ 0,80	≥ 2,0	EN 771-3	0,60	0,60	rotary
	Lightweight concrete hollow block Tekno Amerblok PK17,8 a ¹⁾ = 30 mm 	≥ 1,50	≥ 25,0	EN 771-3	1,30	1,30	rotary
	Lightweight concrete hollow block Tekno Amerblok PK19 a ¹⁾ = 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, γ _M ²⁾		2,0					

¹⁾ Minimum values “a”. For elements with lower value of “a” the load tests on the construction site are required

²⁾ Valid in absence of other national regulations

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

Performances
Characteristic resistance

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

Anchor type	Insulation thickness H_D [mm]	Point thermal transmittance χ [W/K]
Surface installation		
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
Countersunk installation		
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




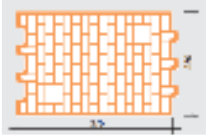

Anchor type	Diameter of the anchor plate d_{plate} [mm]	Load resistance of the anchor plate $N_{u,m}$ [kN]	Plate stiffness $N_{0,m}$ [kN/mm]
T ETX-M, T ETX-MT, T ETX-S, T ETX-ST and T ETX-PA	60	1,95	1,0

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 ³]	Compressive strength [N/mm ²]	$\frac{N_{Rk}}{3}$ [kN]		$\delta \left(\frac{N_{Rk}}{3} \right)$ [mm]	
				T ETX-M T ETX-MT T ETX-S T ETX-ST	T ETX-PA	T ETX-M T ETX-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 ¹⁾ = 40 mm	≥ 1,60	≥ 12,0	0,43	0,40	0,09	0,06
	Vertically perforated porosited block Porotherm 25  a ¹⁾ = 12 mm	≥ 0,80	≥ 15,0	0,17	0,17	0,09	0,06
	Vertically perforated porosited block Porotherm 25  a ¹⁾ = 17 mm	≥ 0,80	≥ 15,0	0,23	0,23	0,09	0,06
1) 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

Performances
 Displacements

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Table C3.2: Displacements

Base material group	Base material	Bulk density [kg/dm ³]	Compressive strength [N/mm ²]	$\frac{N_{Rk}}{3}$ [kN]		$\delta \left(\frac{N_{Rk}}{3} \right)$ [mm]	
				T ETX-M T ETX-MT T ETX-S T ETX-ST	T ETX-PA	T ETX-M T ETX-MT T ETX-S T ETX-ST	T ETX-PA
C	Lightweight concrete hollow block HBL a ¹⁾ = 33 mm 	≥ 0,80	≥ 2,0	0,20	0,20	0,09	0,06
	Lightweight concrete hollow block Tekno Amerblok PK17,8 a ¹⁾ = 30 mm 	≥ 1,50	≥ 25,0	0,43	0,43	0,14	0,09
	Lightweight concrete hollow block Tekno Amerblok PK19 a ¹⁾ = 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
1) 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

Performances
Displacements

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