

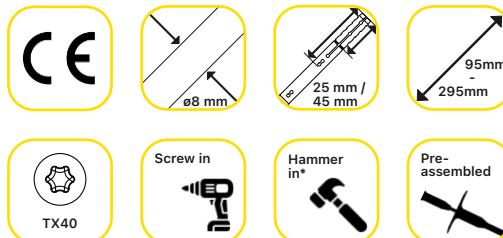
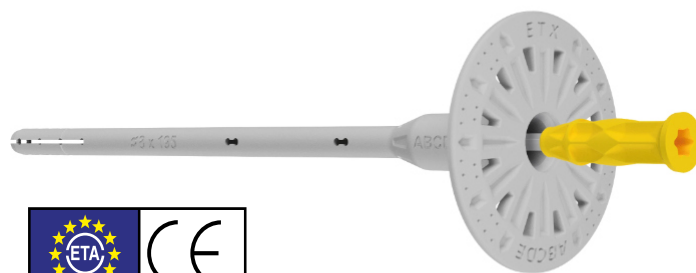
TRUTEK T ETX MS INSULATION ANCHORS

Usage:

- Facade insulation system (ETICS)
- Styrofoam plates
- Mineral wool plates
- Polyurethane plates
- Cork
- Wood wool plates

Advantages:

- Quality confirmed by the European CE certificate.
- Advanced plugs for polystyrene equipped with a metal pin with a plastic cover.
- Quicker installation, by using the shortest possible anchoring zone.
- The new design of the anchoring zone with a diameter of 8mm influenced to increase the strength parameters (up to 1,3 kN).
- Very high plate stiffness: 1,0kN/mm.
- Can be installed with optional TDW pressure plates.



Pin Material:

TETX pins are made of PE-HD polyethylene and nails galvanised steel with a plastic insulator.

Substrate material:

A - Concrete C12/15, Normal concrete of class C20/25 – C50/60
 B - Solid clay brick MZ, Solid silicate brick KS
 C - Perforated silicate brick KSL, Hollow brick Hlz, Porotherm 25
 D - Lightweight aggregate concrete LAC
 E - AAC2-AAC7 aerated concrete

Technical parameters of the TIF60 and TIF90 pins

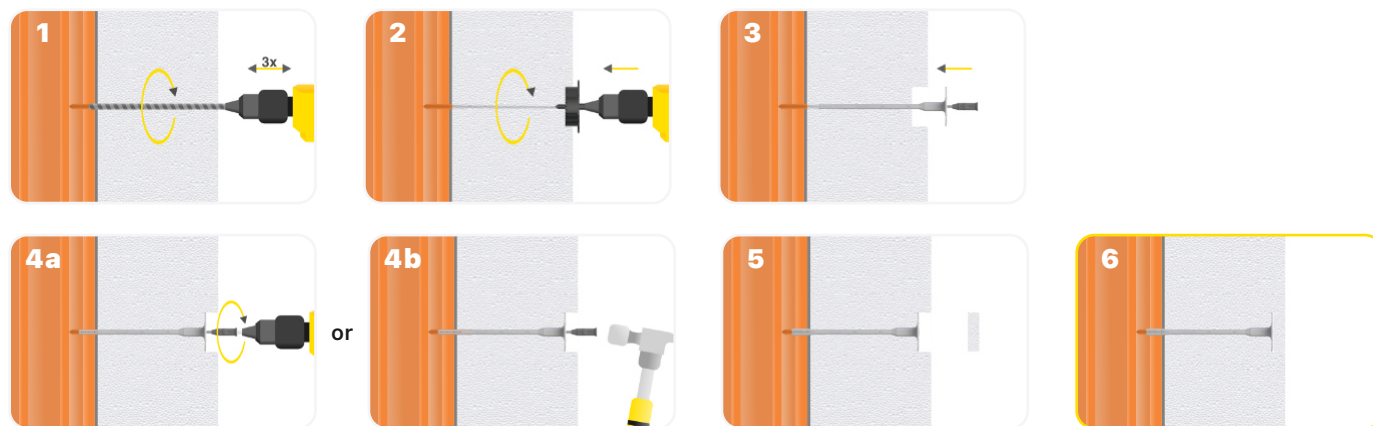
Type	Diameter D _{nom} [mm]	Length L _a [mm]	Plate diameter D _k [mm]	Effective anchoring depth H _{abcd} / H _e [mm]	Mounting hole depth ABCD / E [mm]	Recommended thickness of ETICS for cat. ABCD (countersunk assembly) [mm]	Recommended thickness of ETICS for cat. E (countersunk assembly) [mm]
TETXMS 8x95	8	95	60	25 / 45	35 / 55	60 (80)	40 (60)
TETXMS 8x115	8	115	60	25 / 45	35 / 55	80 (100)	60 (80)
TETXMS 8x135	8	135	60	25 / 45	35 / 55	100 (120)	80 (100)
TETXMS 8x155	8	155	60	25 / 45	35 / 55	120 (140)	100 (120)
TETXMS 8x175	8	175	60	25 / 45	35 / 55	140 (160)	120 (140)
TETXMS 8x195	8	195	60	25 / 45	35 / 55	160 (180)	140 (160)
TETXMS 8x215	8	215	60	25 / 45	35 / 55	180 (200)	160 (180)
TETXMS 8x235	8	235	60	25 / 45	35 / 55	200 (220)	180 (200)
TETXMS 8x255	8	255	60	25 / 45	35 / 55	220 (240)	200 (220)
TETXMS 8x275	8	275	60	25 / 45	35 / 55	240 (260)	220 (240)
TETXMS 8x295	8	295	60	25 / 45	35 / 55	260 (280)	240 (260)
TETXMS 8x335	8	335	60	25 / 45	35 / 55	300 (320)	280 (300)

Characteristics

Substrate	Concrete C12/15	Concrete C16/20 ÷ C50/60	Thin concrete members C16/20 ÷ C50/60	Clay brick MZ	Calcium silicate brick KS	Calcium silicate hollow block KSL, a=40mm	Vertically perforated clay bricks Porotherm 25, a=12mm	Vertically perforated clay bricks Porotherm 25, a=17mm	Lightweight concrete hollow block HBL, a=33mm	Lightweight concrete hollow block Tekno Amerblok PK17,8 a=30mm	Lightweight concrete hollow block Tekno Amerblok PK19 a=30mm	Lightweight concrete block LAC	Autoclaved aerated concrete block AAC2	Autoclaved aerated concrete block AAC7
Substrate categories														
	A	A	A	B	B	C	C	C	C	C	C	D	E	E
Drilling method														
	hammer	hammer	hammer	hammer	hammer	hammer	rotary	rotary	rotary	rotary	rotary	rotary	rotary	rotary
Characteristic resistance [kN]														
H _{abcd} - 25mm	0,90	1,30	1,30	1,30	1,30	1,30	0,50	0,70	0,60	1,30	1,30	0,60		
H _e - 45mm													0,50	0,90

Fastener type		TETX-MS
The strength of the plate	[kN]	1,95
The stiffness of the plate	[kN/mm]	1,0
Point thermal conductivity	[W/K]	0,002

Installation instructions



The minimum thickness of the substrate	$h_{min} \geq [mm]$	100
Minimum spacing of fasteners	$S_{min} \geq [mm]$	100
Minimum spacing of fasteners	$C_{min} \geq [mm]$	100
Recommended number of pieces	pieces / m ²	6-8 / m ²
Recommended number of pieces at the corners of the building	pieces / m ²	8-10 / m ²

