

The blaugelb Frame Screw Fix FK-T30 for faster and more precise screwing with maximum reliability.



blaugelb Frame Screw Fix FK-T30

The Frame Screw Fix – part of the blaugelb Triotherm⁺ system.

- **Established and industry-proven fastening**
- **Low-cost**
- **Tapered thread tip reduces screw-in torques**
- **Universal use in a wide range of common building materials**
- **Distance fastening without lateral chocking (with test certificate)**
- **Suitable for clamping assembly**
- **Suitable for the assembly of RC2-tested elements**
- **Optimum transmission of the screw-in torques by TX drive**

Product features:

The blaugelb Frame Screw Fix FK-T30 is the universal fastener for no-plug, efficient installation of construction elements made of wood, PVC, aluminium and wood/aluminium into a wide variety of substrates (concrete, sand-lime brick, solid brick, wood, lightweight concrete, porous concrete, vertically perforated brick).

The blaugelb Frame Screw Fix FK-T30 is especially suitable for the following applications:

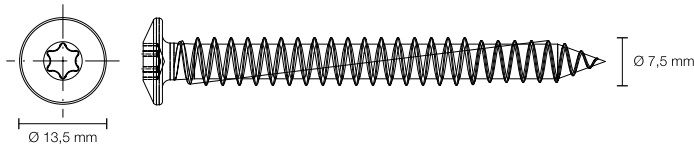
- Direct fastening for strainless installation of windows and doors
- Suitable for all frame materials
- Can be used without lateral spacer chocks (verified by technical tests)
- Fastening load-transferring blaugelb Trio**therm**⁺ profiles and auxiliary mounting brackets and supports

Product benefits:

- Established and industry-proven fastening
- Tapered thread tip reduces screw-in torques
- Universal use in a wide range of common building materials
- Distance fastening without lateral chocking (with test certificate)
- Suitable for clamping assembly
- Suitable for the assembly of RC2-tested elements
- Optimum transmission of the screw-in torques by TX drive

Technical data:

Material:	Case-hardened carbon steel (C1022)
Surface:	Galvanised, blue passivated, corrosion resistance 72 h against red rust in accordance with salt spray test as per DIN 50021SS or EN-ISO 9227
Thread:	Tapping-screw thread with tapered tip
Diameter:	7.5 mm
Diameter of head:	13.5 mm
Drive:	TX T30
Head shape:	Flat head
Tensile strength:	1,220 N/mm ²



Product name	PU	Item no.
blaugelb Frame Screw Fix FK-T30 7.5x42 mm galv.	100 pieces	0422310
blaugelb Frame Screw Fix FK-T30 7.5x62 mm galv.	100 pieces	0422314
blaugelb Frame Screw Fix FK-T30 7.5x72 mm galv.	100 pieces	0422318
blaugelb Frame Screw Fix FK-T30 7.5x82 mm galv.	100 pieces	0422319
blaugelb Frame Screw Fix FK-T30 7.5x92 mm galv.	100 pieces	0422320
blaugelb Frame Screw Fix FK-T30 7.5x102 mm galv.	100 pieces	0422321

Product name	PU	Item no.
blaugelb Frame Screw Fix FK-T30 7.5x112 mm galv.	100 pieces	0422324
blaugelb Frame Screw Fix FK-T30 7.5x122 mm galv.	100 pieces	0422325
blaugelb Frame Screw Fix FK-T30 7.5x132 mm galv.	100 pieces	0422327
blaugelb Frame Screw Fix FK-T30 7.5x152 mm galv.	100 pieces	0422329
blaugelb Frame Screw Fix FK-T30 7.5x182 mm galv.	100 pieces	0422331
blaugelb Frame Screw Fix FK-T30 7.5x212 mm galv.	100 pieces	0422333
blaugelb Frame Screw Fix FK-T30 7.5x252 mm galv.	50 pieces	0423707
blaugelb Frame Screw Fix FK-T30 7.5x300 mm galv.	50 pieces	0422334
blaugelb Frame Screw Fix FK-T30 7.5x350 mm galv.	50 pieces	9035135
blaugelb Frame Screw Fix FK-T30 7.5x400 mm galv.	50 pieces	9035136

Preparation note:

The drilling type and hole diameter depend on the screwing base. After drilling, blowing out the drilling dust is recommended.

Our screw-in recommendations* in relation to the various substrates:

Jamb, substrate	Drill hole diameter	Screw-in depth	Rotary drilling	Impact drilling
Concrete	6.5 mm	40 mm		x
Sand-lime brick	6.5 mm	60 mm		x
Solid brick	6.0 mm	60 mm	x	
Wood	6.0 mm	60 mm	x	
Lightweight concrete LC6	6.0 mm	60 mm	x	
Aerated concrete PP2	No pre-drilling	210 mm	-	
Aerated concrete PP4/6	No pre-drilling	180 mm	-	
Vertically perforated brick	6.0 mm	min. 180 mm	x	
Highly insulated hollow brick	5.0 mm	min. 180 mm	x	

*Due to the varying microstructures, we also recommend carrying out corresponding pretests.

Hole depth = screw-in depth + 10 mm

Choosing the right length of screw:

$$\begin{aligned}
 & \text{Grip length (e.g. frame or profile width)} \\
 & + \text{joint width (recommendation } \leq 15 \text{ mm)} \\
 & + \text{screw-in depth (depending on construction material, see tech. data sheet)} \\
 & \text{-----} \\
 & = \text{screw length}
 \end{aligned}$$

Edge distance from base for direct assembly: according to RAL "Leitfaden zur Montage" [Guideline for Installation] issue 2014, the distance should be not less than 60 mm.

Edge distance from base for clamping assembly: according to the system specifications and manufacturer's data. The documented distance should not be undercut.

The information provided in this document corresponds to the information and technical details available to the best of our knowledge. However, this does not constitute a guarantee pursuant to section 443 of the German Civil Code (BGB). Our processing instructions are to be considered only as general guidelines and may differ in the individual case due to the range of possible uses and applications. They do not therefore automatically exempt the user from carrying out their own tests. We reserve the right to make technical modifications and enhancements at any time.