

Nylon Frame Anchor Hammer Screw Anchor



Long expansion copes with hollow brickwork

A pre-assembled through fixing for battening and framework where alignment or distortion are not critical.

Product Advantages

- Anti rotation barbs prevent the anchor from rotating in the hole
- Nylon sleeve reduces cold bridging compared with metal fixings
- Countersunk sleeve and screw allows flush finish
- Zinc plated drive screw for corrosion resistance (dry internal use)
- Nylon sleeve assists shear capacity
- Through fixing lowers in place cost

Substrates

- Concrete
- Stone
- Solid block
- Solid brick

Applications

- Wall plates
- Sole plates
- Battens
- Door and window frames



Specification

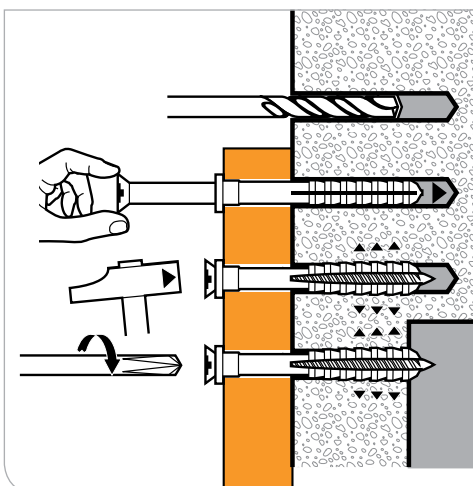
Tightening the screw causes the sleeve to expand. When point of contact is made in the hole the screw is drawn in towards the fixing until flush with the fixture surface.

Material

Sleeve: Polyamide 6 is resistant to weathering, ageing and rotting. It can withstand temperatures from - 20°C to + 60°C. It has good electrical insulation properties. It has high tensile and compressive strength and is largely resistant to chemical attack.

Screw: 5.8 grade zinc coated 5µm.

Installation



1. Drill a hole of the correct diameter through the fixture to the minimum drilling depth given in the technical data table, blow out dust. If the fixture thickness is less than the maximum given in the table below, the hole depth has to be increased accordingly.
2. Position the anchor in the hole through the fixture using light hammer blows until the collar of the anchor makes contact with the part to be fixed.
3. Tighten using a posidrive N°.3 screwdriver until the head of the screw is flush with the collar of the anchor.

Nylon Frame Anchor Hammer Screw Anchor

Product Range - Nylon Frame Anchor



Eurocode	Old Code	Anchor Diameter	Max Fixture Thickness	Overall Anchor Length	Hole Diameter	Min Hole Depth	Posidrive Size	Box Qty
565489	FA08060	8mm	15mm	60mm	8mm	50mm	N° 3	50
565490	FA08080	8mm	35mm	80mm	8mm	50mm	N° 3	50
545491	FA08100	8mm	55mm	100mm	8mm	50mm	N° 3	50
565492	FA08120	8mm	75mm	120mm	8mm	50mm	N° 3	25
565495	FA10080	10mm	30mm	80mm	10mm	55mm	N° 3	25
565496	FA10100	10mm	50mm	100mm	10mm	55mm	N° 3	25
565497	FA10115	10mm	65mm	115mm	10mm	55mm	N° 3	20
565498	FA10135	10mm	85mm	135mm	10mm	55mm	N° 3	20
565499	FA10160	10mm	110mm	160mm	10mm	55mm	N° 3	20

Nylon Frame Anchor - Indicative Loads in Concrete

Anchor Ø	C20 / 25	C20 / 25
	Tensile Load (kN)	Shear Load (kN)
8mm	1.0	1.5
10mm	1.3	2.0