

Twist-Nails for Timber Frames & Battens

Description

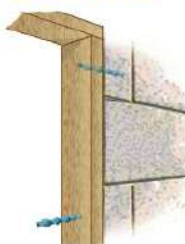
TWIST-NAILS are helical fixings that fasten timber battens, frames, wall plates and door linings to brick and block with no need to plug and screw. When fixing to Aircrete (Celcon, Thermalite, Ytong, etc.) there is not even a need to pre-drill.

The robust and precision profiled helical frame fixings are driven by a series of hammer impacts. Their large spiral blades have sufficient reactive angle to rotate the anchor as it corkscrews through the wood and into masonry.

TWIST-NAILS have a unique driving shank that is conveniently engaged and countersunk by a neat SDS-mounted rapid-impact setting tool, anchoring timber to brick, block and Aircrete in record time

- Hammer driven self tapping fasteners
- Anchors wood to brick, block & AAC
- Patented fixing & fastening system
- No drilling for Thermalite and the like

Benefits



TWIST-NAILS slim cross section alleviates timber-splitting and offers a secure mechanical interlock anchorage, which exerts no expansive crushing stress into brickwork, block or Aircrete.

Loads are spread evenly along the full penetrative length of the helical fastener, providing reliability of performance.

TWIST-NAILS are ideal for battening-out when dry-lining or insulating solid walls, fixing door casings and securing timber tile battens to masonry.

- Precise helical interlock anchorage
- Fixes door casings, frames & battens
- High axial strength & shear capacity
- Rapid power-driven installation

Distinction

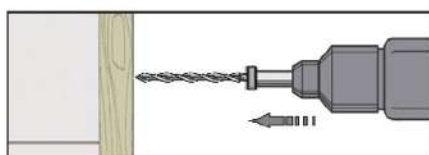
Helical TWIST-NAILS are fabricated using patented 'precise-pitch' twisting die technology, which supersedes the inexact spinning arrangements used to produce alternative helical fastenings.

The precision engineered fixing boasts a consistent pitch that allows the anchor to form tightly mating spiral passages within the substrate, rather one that is progressively widened by an imprecise helix. European Patent No: EP1307303

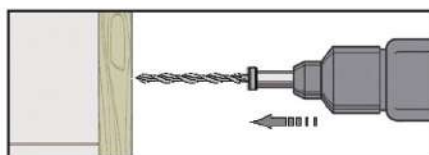
The innovative TWIST-NAIL drive-shank and SDS tool arrangement facilitates a quick, easy and discrete fastening system that is unrivalled in speed or simplicity by other timber to masonry anchor systems. European Patent No: EP2032863



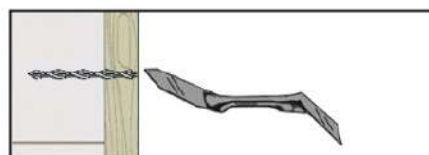
Method statement



1. LOAD helical TWIST-NAILS into rapid impact driving tool that is fitted to a roto hammer machine.



2. DRIVE through timber layer and directly into Aircrete*, until the driving shank is countersunk by the rapid impact driving tool.



3. FINISH by compacting hole-filling material around the driving shank of the Twist-Nail

NB *to fix to brick or block use 4.5mm pilot hole

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Product specification

Material:	BZP Carbon Steel
Nominal Diameter	<= 7.0mm
Nominal C.S.A	=> 9.0mm ²
Tensile Strength:	=> 650N/mm ²
Shear Strength:	=> 480N/mm ²

Product selection

Timber Thickness	Fixing Length For	
	Brick/ Block	Aircrete
25mm	75mm	100mm
38mm	100mm	125mm
50mm	125mm	125mm
75mm	150mm	150mm