

Staiifix®

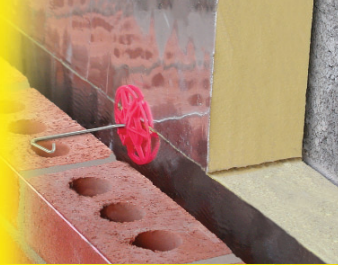
Stainless steel wall ties

Wall Ties & Restraint Fixings

Featuring **CE** Marking
to the Construction
Products Regulation

Manufactured by

Ancon®
BUILDING PRODUCTS



MASONRY TO MASONRY
WALL TIES



WALL STARTER
SYSTEMS



MASONRY TO TIMBER
WALL TIES



MASONRY TO STEEL
WALL TIES



OTHER MASONRY
PRODUCTS



ROOFING
PRODUCTS

Logo Guide

Look out for these logos.



These products are supplied with a CE marking. This demonstrates compliance with a European Standard and is a legal requirement of the Construction Products Regulation from 1st July 2013. For more information and to download all associated documents, including Declarations of Performance, go to www.ancon.co.uk/CE.



These products are approved by the British Board of Agrément.



These products meet the technical requirements of the National House Building Council.



These products are Type A ties and suitable for internal separating walls to Approved Document E.

Availability

Ancon and Staifix wall ties are available from builders merchants throughout the UK. For details of your nearest stockist please contact Ancon on 0114 238 1 238.

Correct Installation

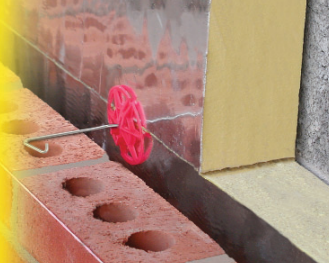
Wall ties should be pressed down in, and then surrounded by, fresh mortar. In order to show more details of the application, mortar has been excluded from the photography in this literature.



Masonry to Masonry Wall Ties

Pages 4-11

Staifix Wall Ties
Ancon Wall Ties
Ancon TeploTie Wall Ties
Staifix-Thor Helical Wall Ties
Other Standard Restraint Fixings



MASONRY TO MASONRY
WALL TIES

Wall Starter Systems

Pages 12-15

Staifix Universal Wall Starter System
New Staifix QuickStart Wall Starter
Staifix Starter Tie
Staifix Cavity Starter Tie

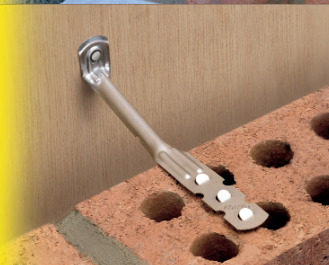


WALL STARTER
SYSTEMS

Masonry to Timber Wall Ties

Pages 16-19

Staifix Timber Frame Tie
Staifix-Thor Helical Timber Tie
Staifix Frame Tie



MASONRY TO TIMBER
WALL TIES

Masonry to Steel Wall Ties

Pages 20-21

Ancon 25/14 Restraint System



MASONRY TO STEEL
WALL TIES

Other Masonry Products

Pages 22-28

Ancon AMR and **New** AMR-X Masonry Reinforcement
New Insulated Plasterboard Nails
Staifix-Thor Helical Crack Stitching Kit
Remedial Wall Ties



OTHER MASONRY
PRODUCTS

Roofing Products

Pages 29-31

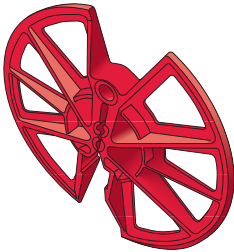
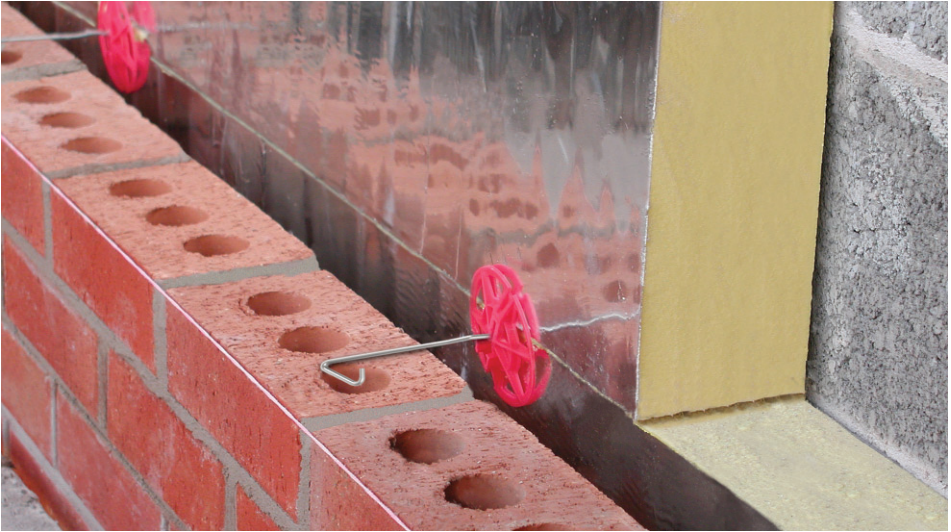
Wire Balloons
Super-7 Thor-Helical Nail for Pitched Roofs
Super-8 Headed Helical Nail for Flat Roofs



ROOFING
PRODUCTS

Stainless Steel Cavity Wall Ties

for traditional masonry construction with cavities from 50mm to 175mm



Staifix Universal Insulation Retaining Clip

For use with standard Staifix stainless steel ties in partial fill cavities



Application

These stainless steel wall ties connect the two leaves of a cavity wall. Product selection is based on building type and height, geographical location and cavity width. Specially designed safety ends reduce the risk of injury during handling and installation.



Now available:
Wall Tie product
selector App

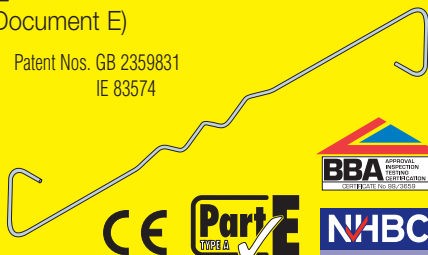
Staifix HRT4 Light Duty Tie

(Type 4 Tie to PD6697/Type A Tie to Approved Document E)

Length (mm)	Cavity (mm)
200	50-75
225	76-100
250	101-125
275	126-150

Type 4 wall tie for use in the external walls of houses up to 10 metres in height. Altitude and wind speed restrictions may apply. Type A tie suitable for internal separating walls of buildings of any height.

Patent Nos. GB 2359831
IE 83574



Available
in packs
of 20 or 250

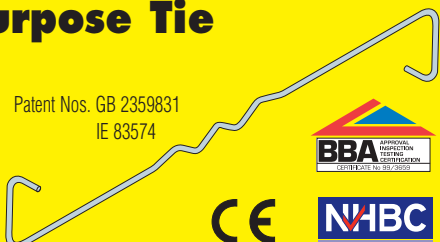
Staifix RT2 General Purpose Tie

(Type 2 Tie to PD6697)

Length (mm)	Cavity (mm)
200	50-75
225	76-100
250	101-125
275	126-150

Type 2 wall tie for use in the external walls of houses and small commercial developments up to 15 metres in height. Altitude and wind speed restrictions may apply.

Patent Nos. GB 2359831
IE 83574



Available
in packs
of 20 or 250

Ancon ST1 Heavy Duty Tie

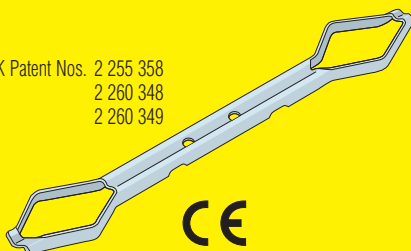
(Type 1 Tie to PD6697)

Length (mm)	Cavity (mm)
200	50-75
225	76-100
250	101-125
275	126-150
300	151-175

Type 1 wall tie for use in the external walls of buildings of any height anywhere in the British Isles.

Note: For internal separating walls of new-build attached dwellings use HRT4 only.

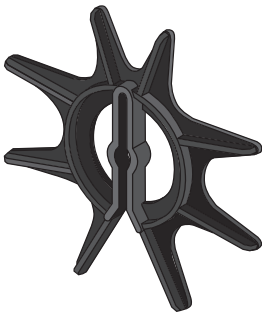
UK Patent Nos. 2 255 358
2 260 348
2 260 349



Available
in packs
of 250

Ancon TeploTie Basalt Fibre Wall Ties

for ultra energy-efficient buildings with cavities up to 300mm



Teplo-Clip

Insulation retaining clip for use with all Ancon TeploTies



Application

The Ancon TeploTie is manufactured from pultruded basalt fibres set in an epoxy resin. It is the most thermally-efficient wall tie on the market. It has a thermal conductivity of only 0.7W/mK which can be shown in U-value calculations to reduce insulation thickness and wall footprint.



A sand finish provides excellent mortar key

Ancon Teplo4 (Type 4 Tie to PD6697)

Length (mm)	Cavity (mm)
200	50-75
225	76-100
250	101-125

Type 4 wall tie for use in external walls of houses up to 10 metres in height. Altitude and wind speed restrictions may apply.



Ancon Teplo2 (Type 2 Tie to PD6697)

Length (mm)	Cavity (mm)
200	50-75
225	76-100
250	101-125
275	126-150
300	151-175
325	176-200
350	201-225
375	226-250
400	251-275
425	276-300

Type 2 wall tie for use in external walls of houses and small commercial developments up to 15 metres in height. Altitude and wind speed restrictions may apply.



Ancon Teplo1 (Type 1 Tie to PD6697)

Length (mm)	Cavity (mm)
200	50-75
225	76-100
250	101-125
275	126-150

Type 1 wall tie for use in the external walls of buildings up to 18m in height.



Note: These ties are unsuitable for internal separating walls to Approved Document E (use HRT4 on page 5).

Staifix-Thor Helical TJ2 Tie

for thin-joint blockwork

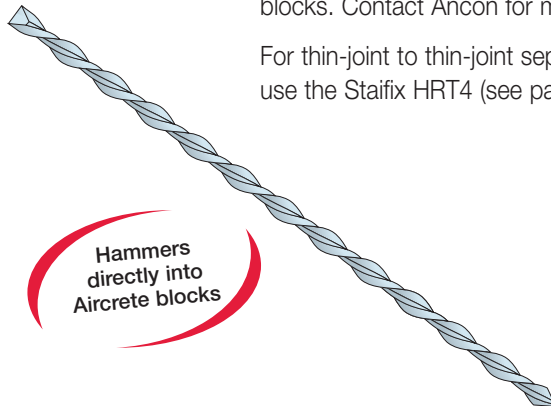


Length (mm)	Cavity (mm)
205	50
230	75
255	100
280	125
305	150

Application

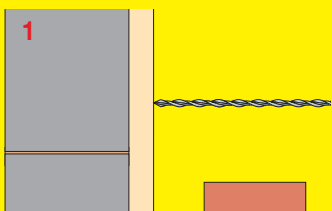
Hammer-driven cavity wall tie, ideal for thin-joint blockwork and other applications where the joints of the inner and outer leaves of masonry do not course. Suitable for buildings up to 15 metres in height when used with high strength blocks. Contact Ancon for more details.

For thin-joint to thin-joint separating walls use the Staifix HRT4 (see page 5).

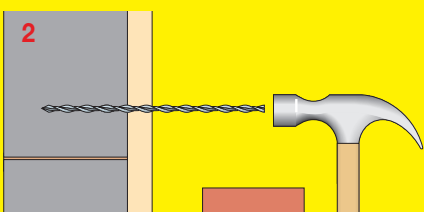


European Patent No. 1307303

Installation

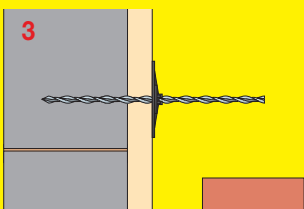


Keep the brickwork one course clear during installation of the ties. Position the tie against the inner leaf so that the outer end will be located in the bed joint of the external leaf.

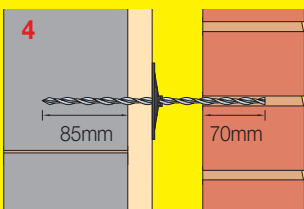


Hammer the tie, through the insulation, and into the blockwork to the correct embedment.

Support tools are available to simplify installation.



Install a black Staifix TJ Insulation Retaining Clip to restrain the insulation.



Build into the bed joint of the outer leaf ensuring the tie is surrounded by mortar.

Embedment

Staifix-Thor Helical TJ2 Thin-Joint Ties should have a minimum embedment of 85mm in the inner leaf of blockwork and 70mm in the outer leaf of brickwork.

Other Standard Ancon Wall Ties

lengths shown in *red italics* refer to items available within 24 hours

Ancon SPB Frame Cramp

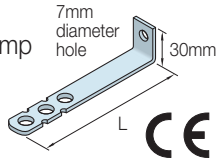
Can be used with a debonding sleeve



Lengths *75, 100, 125, 150, 175, 200mm*

Application

Safety-ended frame cramp used to join masonry to concrete or steel frames.



Ancon PPS Movement Tie

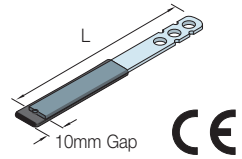
For vertical movement joints



Lengths *225, 250mm*

Application

Flat tie used with a debonding sleeve to allow the masonry to expand or contract.



DT Double Triangle

Lengths *150**, 200*, 225*, 250**, 300mm***

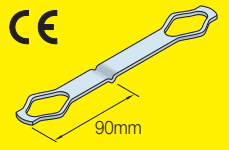
*Conforms to PD6697 as a Type 2 tie
**Type 3 tie



SD1

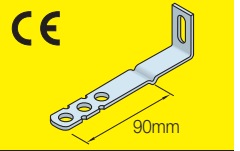
Lengths *200, 225, 250, 275, 300mm*

Conforms to PD6697 as a Type 1 tie. Also available with a central drip



SDV

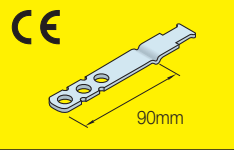
Lengths *125, 150, 175, 200, 225mm*



SD21

Lengths *125, 150, 175, 200, 225mm*

For use with 21/18 Omega Channel

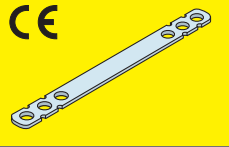


SPS

Lengths *150, 200, 225, 250, 275, 300mm*

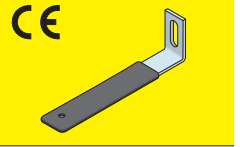
SPS CJ

Lengths *150mm*
(3mm thickness for collar-jointed construction)



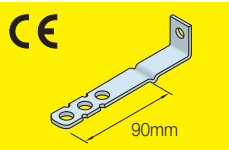
PPV

Lengths *125, 150, 175, 200, 225mm*



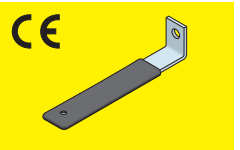
SDB

Lengths *125, 150, 175, 200, 225mm*



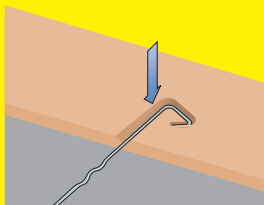
PPB

Lengths *125, 150, 175, 200, 225mm*

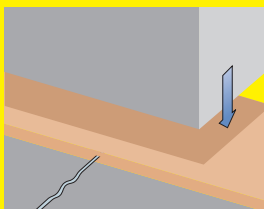


Wall Tie Installation

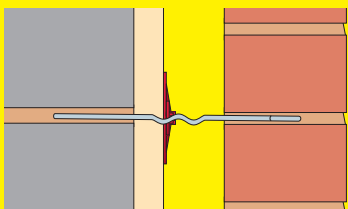
For walls in which both leaves are 90mm or thicker, ties should be installed at not less than 2.5 square metre (900mm x 450mm vertical centres).



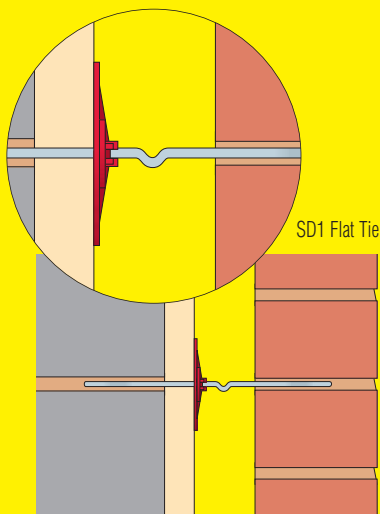
Wall ties should be pressed down in, and then surrounded by, fresh mortar.



To ensure cavity wall ties are effective at tying the leaves together they should be installed as the inner leaf is constructed and not simply pushed into a joint.



Ties should be installed with a slight fall to the outer leaf, never towards the inner leaf as this could provide a path for moisture to cross the cavity.



The drip part of the tie should point downwards and be positioned near the centre of the open cavity. Ties with multiple drips, like the Staifix RT2, can often be positioned centrally as part of the drip will normally be near the centre of the open section of a partial fill cavity. 'O rings' as used on the TeploTie should be moved along the shank to the open cavity. Installed ties should be clear of mortar droppings to allow the drip to function and prevent water from crossing to the inner leaf of masonry.

Staifix Wall Starter Systems

for joining new walls to existing masonry



Application

Wall starters include all the necessary fixings (ties, plugs and screws) to join a single skin of masonry 2.4 metres high to an existing wall.

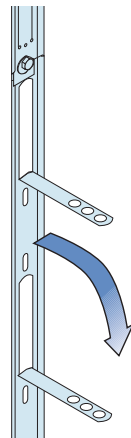
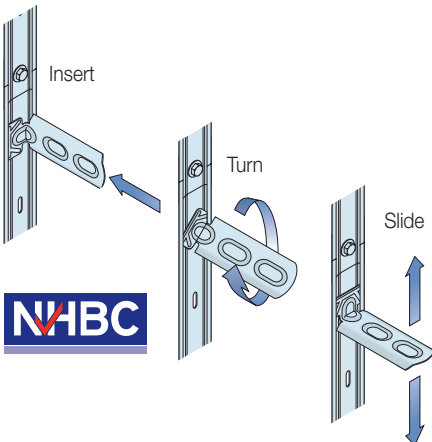
Ideal for conservatories, extensions and garden walls

Universal Wall Starter System

Wall ties slide within the fixing strip to course with the bed joints of any masonry unit.

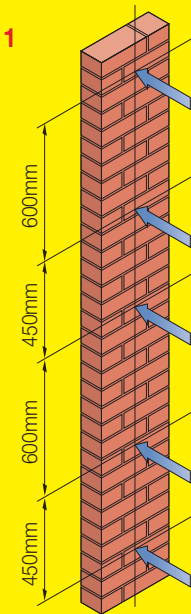
QuickStart Wall Starter System **New**

Wall ties are integral to the stainless steel starter strip and fold out at pre-set 225mm vertical centres.



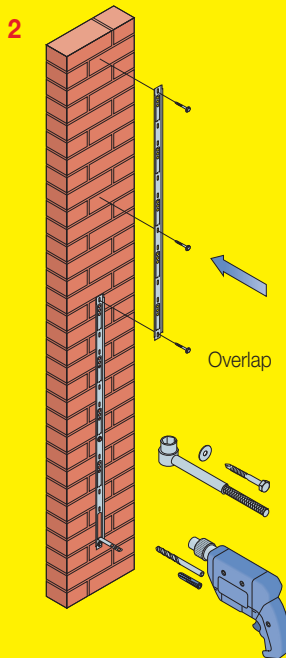
QuickStart Wall Starter Installation

Prior to installation remove any render, debris etc from the existing wall in the area where the new wall will be joined.

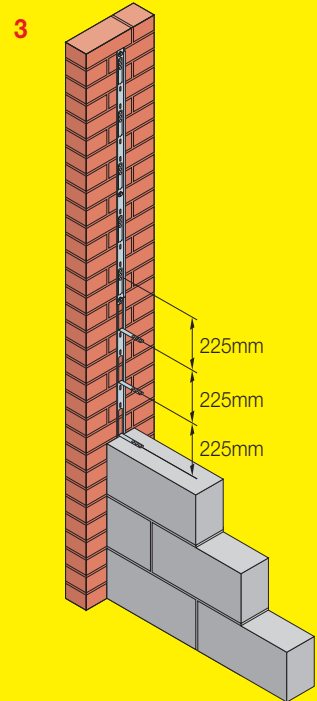


Mark the position of the five fixing holes following the guidance below

- Position vertically by folding down the bottom wall tie so it will sit in the required horizontal mortar joint, normally either the third brick course or first block course
- Position horizontally by ensuring the wall starter will be central to the new wall
- When overlapped, the strips should be fixed through the first and last slot, at the point of overlap and at two other points in-between (alternate 450mm and 600mm are recommended)



Drill 10mm diameter holes and install wall plugs. Orientate first strip so the integral wall ties will fold downwards when required and loosely fix strip at the bottom two fixing points. Insert second strip into the top of the first strip, again ensuring integral ties will fold downwards, and loosely fix at the remaining three fixing points. When both strips are in position check for plumb and then fully tighten screws, in any order.



Fold down ties every 225mm and build into the bed joints of the new wall.

Folding out all ties ahead of the build may help maintain accurate masonry coursing (users should take care when working around protruding wall ties, protective head and eye wear is recommended).

Staifix Starter Ties

for joining new walls to existing masonry



Wall Starter Tie

Screw-in tie supplied with an 8mm nylon plug for joining new masonry to existing walls without the need for jointing.

Ideal for the construction of conservatories, extensions and garden walls.



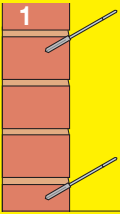
Cavity Starter Tie

Screw-in tie that simplifies the build of an inner leaf of blockwork within an existing structure. Supplied with an 8mm nylon plug and a neoprene 'o' ring.

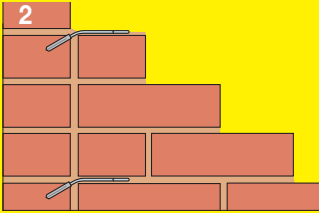
Length (mm)	Cavity (mm)
180	50-70
200	75-95
230	100-120

Note: Embedment depth for above tie lengths should be 65-85mm

Staifix Wall Starter Tie Installation



Starter Ties should be fixed at 225mm vertical centres in a line central to the new leaf. Drill 8mm diameter holes, 45mm deep into the existing wall at an angle of 30° to the horizontal.

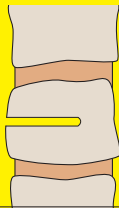


Bend the tie into the bed joint of the new brickwork. Build the tie in ensuring it is surrounded by mortar.

This tie is suitable for use in masonry up to 8 metres in height. For buildings in particularly exposed areas, especially if the wall is higher than 5 metres or the construction is single leaf, it would be advisable to carry out a check calculation using the wind code and increase the density of starter ties if necessary.

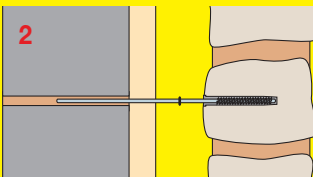
Staifix Cavity Starter Tie Installation

1



Drill an 8mm diameter hole horizontally into existing outer leaf of masonry. Position the hole such that when the tie is installed the safety end will be located in the bed joint of the new inner leaf of blockwork.

2



Insert the nylon plug. Slide the neoprene 'o' ring on the tie and screw into the plug. Build the tie into the inner leaf of blockwork ensuring it is surrounded by mortar.

Staifix Timber Frame Ties

for fixing masonry to timber frames



Cranked,
to ease
installation



STF6 Timber Frame Tie

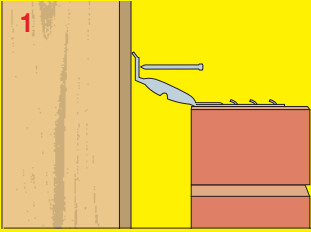
Cranked cavity wall tie for use in the construction of timber-framed buildings up to 4 storeys in height. Supplied complete with an annular ring shank nail. Available in three lengths to suit cavities of 50, 75 and 100mm.



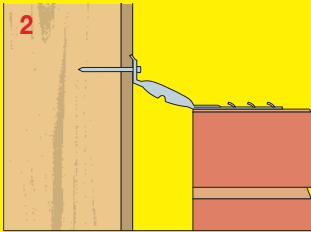
TIM6 Helical Timber Frame Tie

For applications where insulation has to be retained in the cavity, use the TIM6 tie. Available in four lengths to suit cavities from 50mm to 150mm.

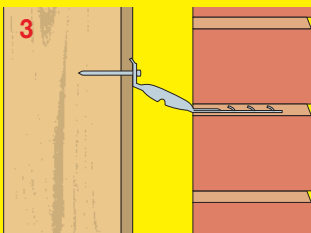
STF6 Installation



Position the tie on fresh mortar in the bed joint of the outer leaf of masonry with the upstand against the timber.



Hammer the nail, through the hole in the upstand, into the timber framework.

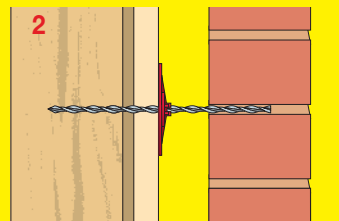
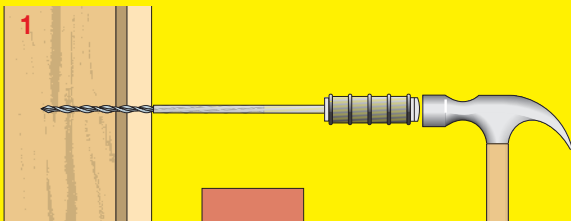


Build the tie into the bed joint of the new masonry ensuring it is surrounded by mortar.

Density of Timber Frame Ties

Timber Frame Ties should be installed at a density of 4.4 ties per square metre in buildings where the basic wind speed does not exceed 25m/s (BS6399-2: 1997 Code of Practice for Wind Loads). The density should be increased to 7 ties per square metre in more severe situations.

TIM6 Installation



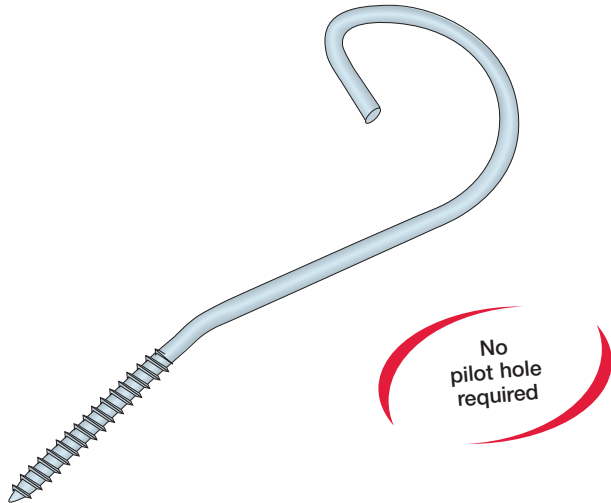
Staifix Frame Tie

for fixing timber door and window frames to brickwork

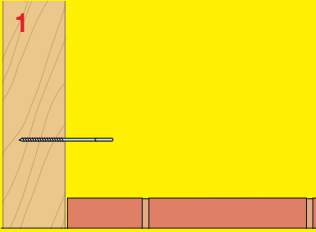


Application

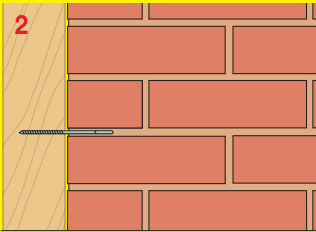
Screw-in tie used to join timber door and window frames to brickwork.



Installation



Screw the tie horizontally into the door or window frame at a bed joint position.



Build the tie into the bed joint of the new brickwork ensuring that it is surrounded by mortar.

The Staifix Frame Tie should not be used as a wall starter tie (see page 14).

Maximum vertical spacing of Staifix Frame Ties for most buildings in the UK* with a maximum brickwork height of 15 metres

Main Front and Rear Elevations with most Windows

	Max. Vertical Tie Spacings for Various Frame Widths (mm)							
	900	1200	1500	1800	2100	2400	2700	3000
Towns and Cities	450	450	300	300	225	225	150	150
Open Country	450	375	300	225	225	150	150	150

Note: The area of doors and windows in the wall is more than half the area of doors and windows in the other walls.

Side Elevations with few Windows

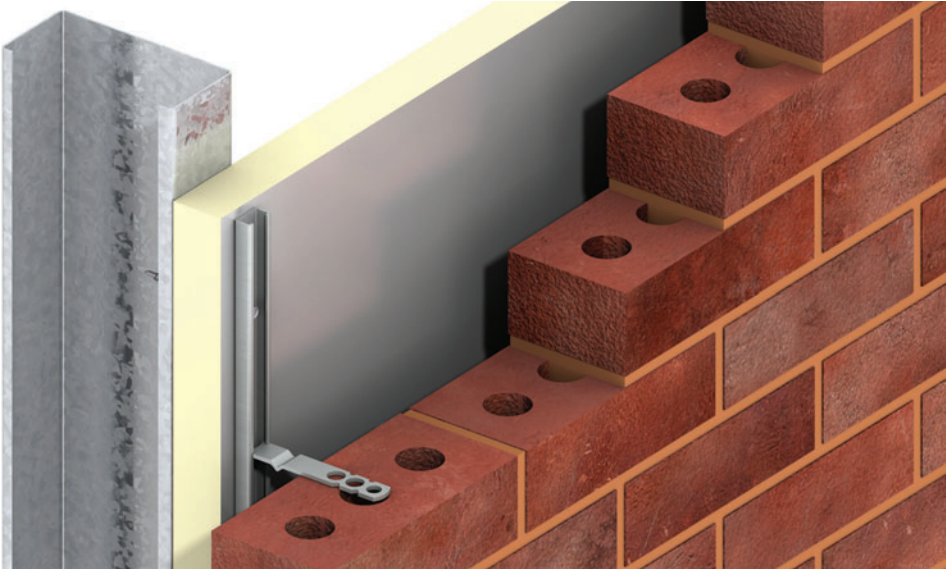
	Max. Vertical Tie Spacings for Various Frame Widths (mm)							
	900	1200	1500	1800	2100	2400	2700	3000
Towns and Cities	450	300	225	225	150	150	150	75
Open Country	375	225	225	150	150	75	75	75

Note: The area of doors and windows in the wall is less than half the area of doors and windows in the other walls.

*Excludes the Scottish Highlands, Western Ireland and buildings on slopes greater than 1 in 20. Please contact Ancon Building Products for applications outside the tables above.

Ancon 25/14 Restraint System

for tying masonry to steel frames

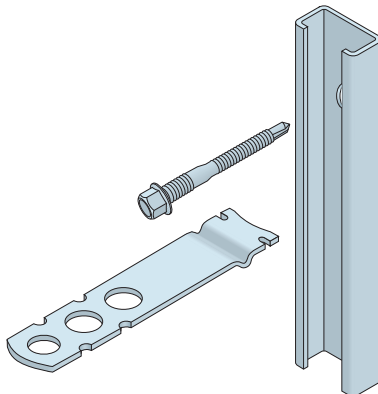


Tie Length (mm)	Open Cavity (mm)
100	50
125	75
150	100

Note: Other tie lengths are available.

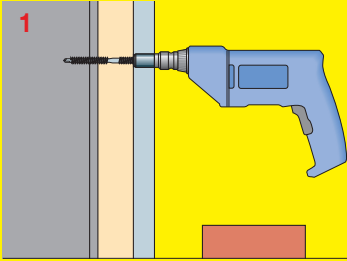
Application

Channel and cavity wall tie for use in the construction of steel-framed buildings. Self-drilling screws fix through the channel and the insulation material, into the steel.

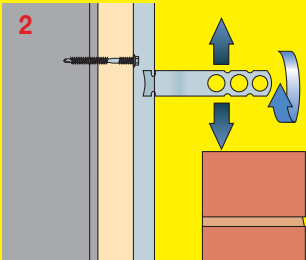


Suitable for buildings up to 40m high

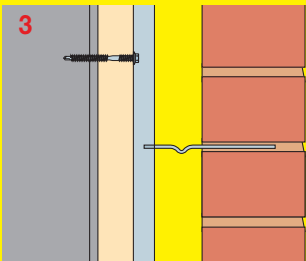
Installation



Ancon 25/14 channel is supplied with pre-punched holes at 112.5mm centres. This ensures a fixing position is always located near the end when the channel is cut on site. Using self-drilling screws the channel should be fixed at 450mm vertical centres (every fourth hole).



The spacing of ties is based on the height of the building and geographical location. See the table below for recommended spacing. SD25 wall ties can be positioned at any point along the channel's length. Ties should achieve a minimum embedment of 62.5mm in the outer leaf and be pressed down in fresh mortar.



Build the tie into the bed joint of the new masonry ensuring it is surrounded by mortar.

Note: Screws are available in various lengths to accommodate an insulation thickness of up to 115mm. Ancon recommends the use of stainless steel fixing screws.

Tie Spacing Based on 25/14 Channel at 600mm Horizontal Centres with Basic Wind Speed < 27m/s

Altitude and Distance from the Coast	Vertical Tie Spacing (mm) for Various Heights of Brickwork		
	15m	25m	40m
Altitude up to 150m and at least 50km from the coast	450	225	225
Altitude up to 25m and within 50km from the coast	450	300	225

Note: Wind zones are taken from BS EN 1991-1-4: 2005.

Ancon AMR Masonry Reinforcement

to strengthen masonry panels



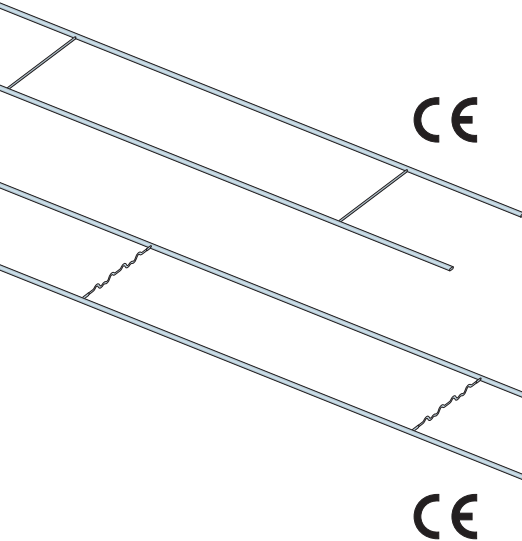
AMR Width	Wall Thickness
60mm	100-125mm Brick/Block
100mm	140-150mm Block
150mm	190-200mm Block
175mm	215mm Block

AMR Applications

Stainless or galvanised steel reinforcement, installed in a bed joint to strengthen masonry walls. Manufactured in lengths of 2700mm.

Available in five wire diameters and four widths, AMR suits the majority of wall conditions.

For collar-jointed walls use Ancon AMR-CJ.



Enhanced AMR-X Masonry Reinforcement

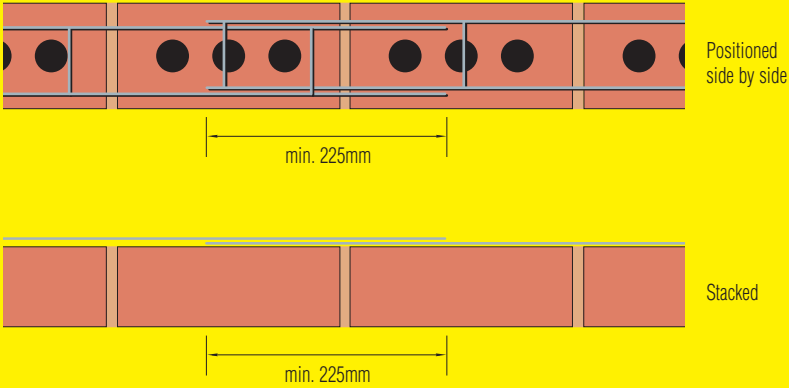
New

AMR-X features shaped cross wires which ensure the longitudinal wires are located in the centre of a bed joint, accelerating construction and improving build quality.

Laps and Positioning

The position of laps should be staggered throughout the masonry panel.

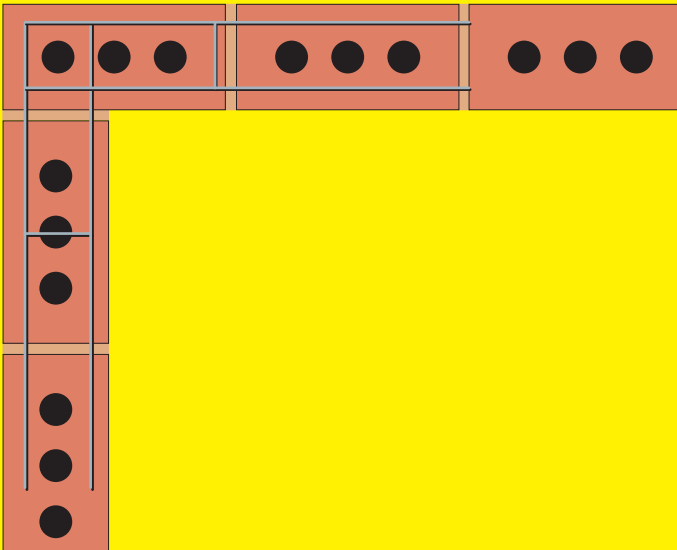
Laps should be a minimum of 225mm in length and include one cross wire. Laps can be achieved by either stacking the product or positioning lengths side by side.



Note: Overall thickness when stacked is less than 6mm.

Corners

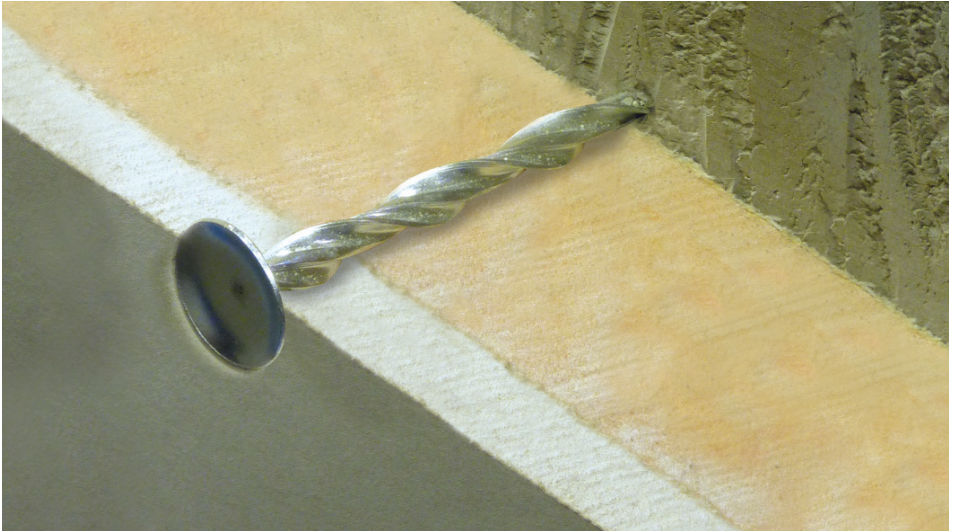
Prefabricated corner units can be manufactured to provide true continuity of reinforcement. Alternatively, Ancon AMR can be cut and bent on site.



OTHER MASONRY PRODUCTS

Insulated Plasterboard Nails

Fire-proof fixing for securing insulated plasterboards



Available Lengths

65, 85, 105, 125, 145mm

Application

A one piece metal fastener with a dish-profiled head for mechanically securing drywall and insulated plasterboard panels to walls.

This fire-proof metal fastener has a self-tapping helical shank with work-hardened blades that cut into a wide range of masonry and timber substrates.

Available
in packs
of 20



New Product

Installation

The fixings are driven-in by an adaptor, which is powered by a standard SDS hammer drill.

The anchor drives directly into aircrete blocks and softwood timber. A 5mm pilot hole is recommended for brick, concrete block and hardwood.

A 6mm pilot hole is required for structural concrete and engineered brick.

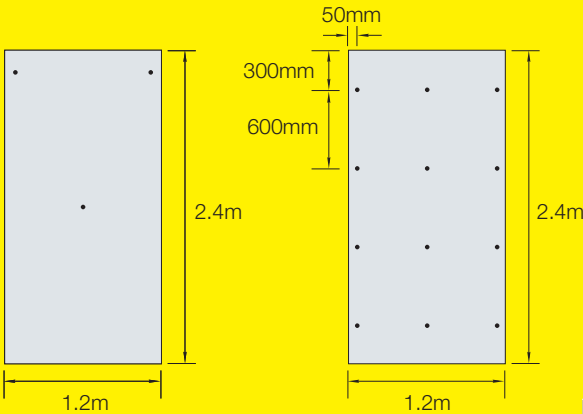
Substrate	Embedment depth
Aircrete Block	50-75mm
Brick/Concrete Block	40-60mm
Softwood	35-50mm



Standard SDS Adaptor



Professional SDS Adaptor Set

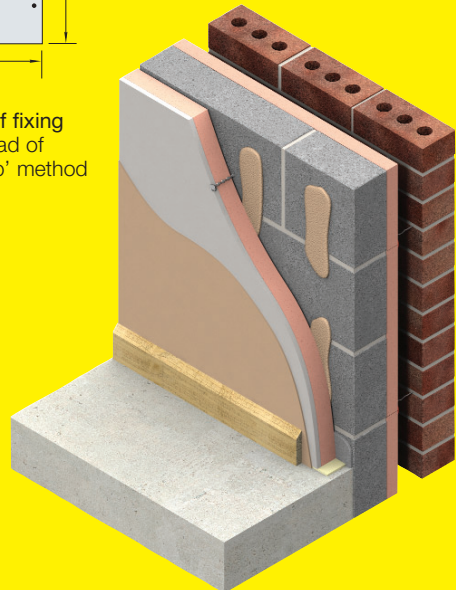


• = Position of fixing
If used with 'dot and dab' method

• = Position of fixing
If used instead of 'dot and dab' method

3 fixings are required per panel if used with 'dot and dab' method. Each dab should be 50mm to 75mm wide and approx. 250mm long.

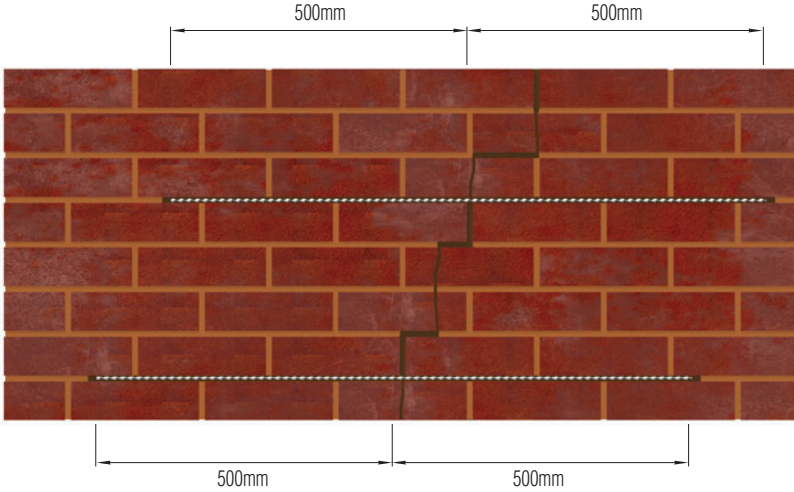
12 fixings are required per panel if used instead of 'dot and dab'.



OTHER MASONRY PRODUCTS

Staifix-Thor Helical Crack Stitching Kit

for the permanent repair of cracked masonry



Wall Thickness	Slot Depth	Bar Depth
102mm	30mm	20mm
215mm	40mm	30mm

Application

This kit contains all the necessary components to permanently repair vertical or stepped cracks in masonry.

- Grout mixing paddle
- Cementitious grout (3 litres)
- Grout applicator gun with flat nozzle
- Stainless steel helical bar (10 x 1000mm)
- Finger trowel

The high strength, non-disruptive repair solution



Notes:

1. This system is also suitable for rendered/plastered walls
2. Vertical spacing is normally every 4 to 6 brick courses (300 - 450mm), however this should be checked with the structural engineer
3. Where cracks are within 500mm from corners or reveals, the bar should be bent and bonded 100mm around the corner
4. If two or more cracks are close together, bars can be lapped. Laps should be at least 500mm and the bar should extend 500mm from the outer cracks

Installation

It is essential that the cause of the cracking is established by a structural engineer and then eliminated, prior to the installation of this system.

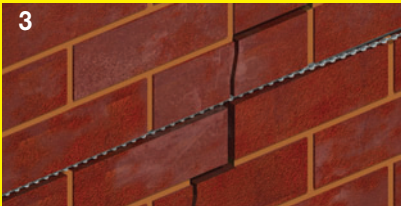
Cut a slot in the mortar joint to the specified depth that extends just over 500mm each side of the crack (recommended equipment: Twin-bladed diamond-tipped wall chaser). Ensure the mortar is completely removed to reveal the top and bottom faces of the masonry. Remove all loose mortar from the slot and flush with clean water.



Connect the paddle to a power drill, blend the components of the grout together in the tub and load into the gun. Apply a continuous bead (approximately 10-15mm thick) to the back of the slot.



Push the helical bar into the face of the grout, to the depth specified, so that the bar extends 500mm each side of the crack.



Apply a second, continuous bead of grout to the slot, ensuring the bar is covered. With the finger trowel, force the grout back into the slot 10mm from the surface, and ensure the bar/grout composite is tightly packed.



Make good the bed joint and fill the vertical crack with an appropriate filler or mortar.



Ancon Remedial Wall Ties

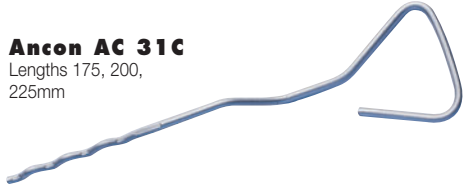
MM63

Lengths **200, 225, 250,**
300mm



Ancon AC 31C

Lengths 175, 200,
225mm



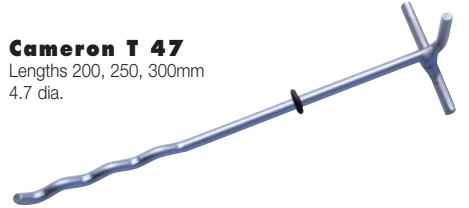
RM63

Lengths **200, 225, 250,**
300mm



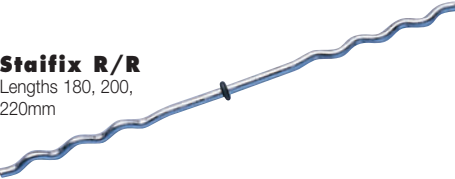
Cameron T 47

Lengths 200, 250, 300mm
4.7 dia.



Staifix R/R

Lengths 180, 200,
220mm



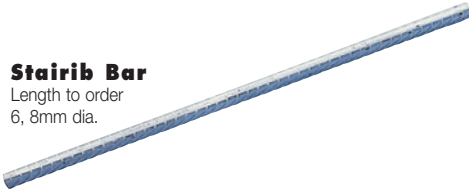
TepliTie

Lengths **275, 300, 325,**
375, 400, 425mm



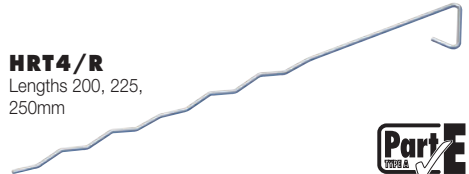
Stairib Bar

Length to order
6, 8mm dia.



HRT4/R

Lengths 200, 225,
250mm



Ancon AC 31

Lengths **175, 200,**
225mm



Type A R/R

Lengths 225mm



Lengths in **red italics** refer to items available within 24 hours.

Setting tools, resin cartridges, resin guns and mixing nozzles are all available.

Contact Ancon for more details on our range of remedial wall ties and ancillary products.

Staifix Wire Balloons



A simple and effective way of keeping chimneys and downpipes clear from nesting birds, leaves and other debris.

Available in six standard sizes, wire balloons are manufactured from stainless steel or galvanised steel mesh and are supplied in packs of five.

Maintenance-free
and easy
to install

Wire Balloon Size	Stainless Mesh Size	Galvanised Mesh Size
2½"	½"	½"
3"	½"	½"
4"	½"	½"
6"	¾"	¾"
8"	1"	¾"
9"	1"	¾"

Note: Stainless steel balloons are manufactured to order.
Galvanised steel balloons are available ex-stock.

Staifix[®]
Stainless steel wall ties

ROOFING
PRODUCTS

Helical Nails for Warm Roof Construction

Helical nails are a quick and reliable fixing for use in warm roof applications. Unlike traditional nails, they rotate as they are driven in, inducing a self-tapping action and consequently do not split or bounce timbers.

Super-7™ Thor-Helical Nail for Pitched Roofs

Stocked Lengths:

140, 150, 160, 165, 175, 185mm

Note: Other lengths are available in increments of 5mm. Ancon recommends a minimum counter batten thickness of 38mm.



Patent pending

Super-7™ Alignment Tool for Pitched Roofs



European Patent No. 1307303

HeliCalc Calculator

HeliCalc is a free web-based program which calculates the length, density and quantity of Super-7 nails required for a specific project. Visit www.helicalc.co.uk or contact Ancon for more information.



Super-8 Headed Helical Nail for Flat Roofs

Standard Lengths:

145, 170, 195mm

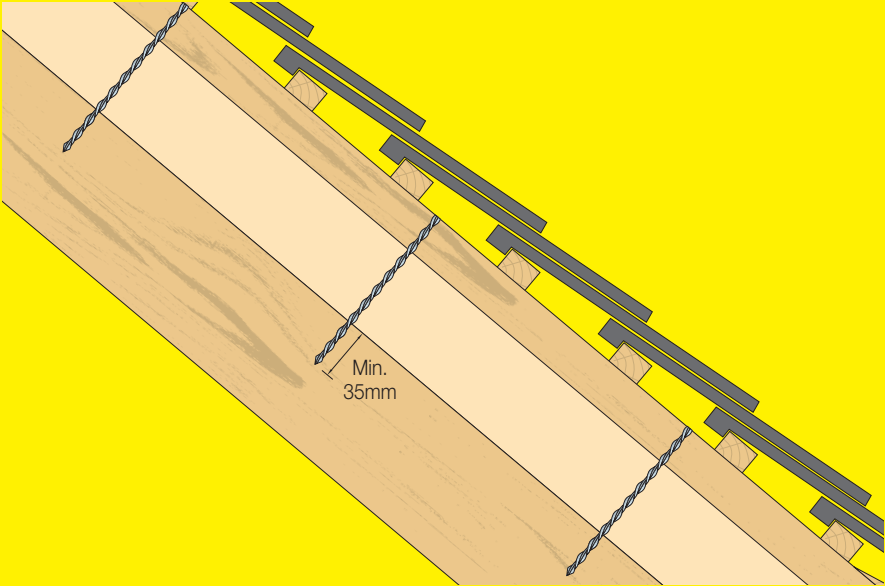
Note: Other lengths are available on request (min. 135mm)



For more information on the above products please refer to the 'Helical Nails for Warm Roof Construction' brochure

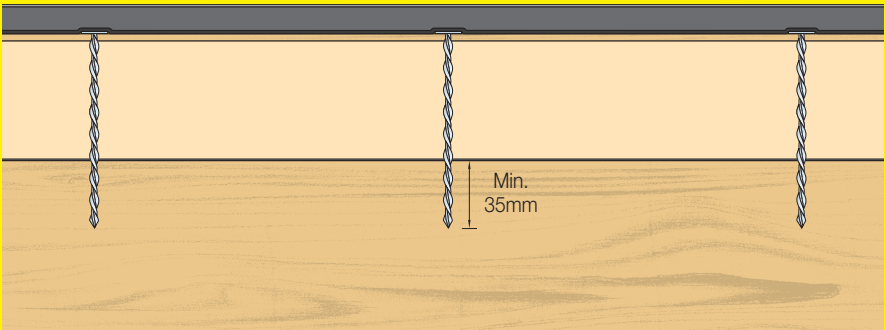
Applications

Pitched Roofs



Helical nails fix counterbattens to rafters, without compressing the layer of insulation in-between.

Flat Roofs



Headed helical nails fix plywood/insulation composite roof panels to joists.



Ancon will advise on the correct selection of fixing to suit any project and provide details of your nearest stockist.

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FM 12226



ISO 14001: 2004
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