



Wall Ties and Restraint Fixings

Product Catalogue 2018/19

[www.swanndirect.com](http://www.swanndirect.com) | 01376 554 580

# Overview

Swann Direct provide a wide range of Ancon wall ties and restraint fixings to the construction industry.

Wall ties are used in buildings with cavity walls. They are used to join the two leaves of a cavity wall together, allowing the two parts to act as a homogeneous unit. Hidden from view after construction, wall ties play a vital role in ensuring the stability of a building.

Ancon wall ties are manufactured from corrosion and fire-resistant materials. The fixings are available in a variety of lengths and types for restraining brickwork, blockwork and stonework. Restraints can be fixed to concrete and structural steelwork plus any type of masonry.

Our product line includes the Ancon ST1, Staifix RT2, Staifix HRT4, Ancon ACOU SP-SD, Teplo, Staifix-Thor Helical TIM6, Staifix STF6 and Ancon Timber Frame Movement Tie TFMT7 range. Customers can order low thermal conductivity wall ties, two-part ties, ties for thin-joint blockwork, ties for timber frames, frame cramps, pre-fixing aids, channel ties, vertical movement joints, standard wall ties, non-drill fixings for steelwork, head restraints, acoustic wall ties, restraints for stone cladding and remedial wall ties.

For more information, visit [www.swanndirect.com/product-category/construction/wall-ties-and-restraint-fixings/](http://www.swanndirect.com/product-category/construction/wall-ties-and-restraint-fixings/)

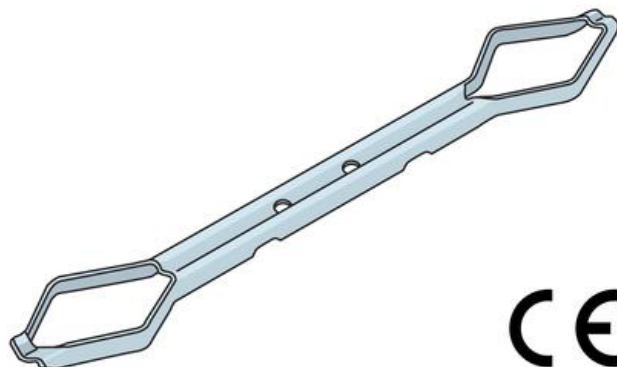
Alternatively, please contact a member of our sales team on 01376 554 580.

## Ancon ST1 Wall Ties

Manufactured from corrosion-resistant stainless steel. Multiple drips prevent water transfer.

The Ancon ST1 Heavy Duty Tie is 200mm long and is a Type 1 wall tie for use in the external walls of buildings of any height anywhere in the British Isles. Supplied in a box of 250.

Product	Part Number
Ancon ST1 – 200mm Long (Box of 250)	ST1200BOX
Ancon ST1 – 225mm Long (Box of 250)	ST1225BOX
Ancon ST1 – 250mm Long (Box of 250)	ST1250BOX
Ancon ST1 – 275mm Long (Box of 250)	ST1275BOX
Ancon ST1 – 300mm Long (Box of 250)	ST1300BOX

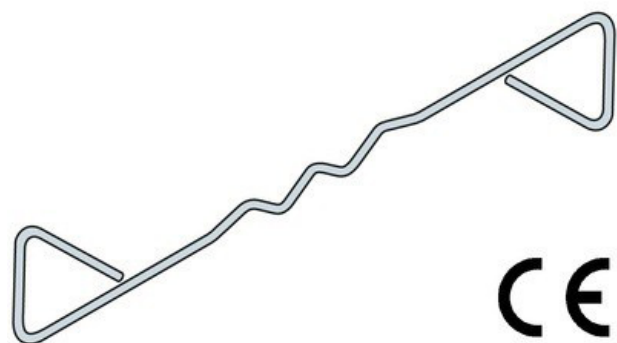


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## Ancon RT2 Wall Ties

Conforms to PD 6697 as a type 2 tie.  
Designed to replace the Double Triangle Tie.  
Can be used in line with NHBC standards.

Product	Part Number
Staifix RT2 – 200mm Long (Box of 250)	RT2200BOXS
Staifix RT2 – 225mm Long (Box of 250)	RT2225BOXS
Staifix RT2 – 250mm Long (Box of 250)	RT2250BOXS
Staifix RT2 – 275mm Long (Box of 250)	RT2275BOXS

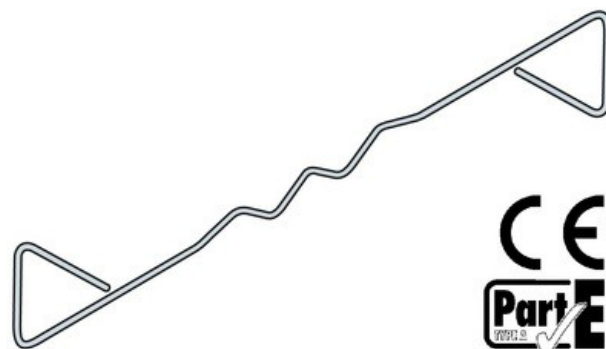


CE

## Ancon HRT4 Wall Ties

Conforms to PD 6697 as a type 4 tie  
Suitable for party walls at 50-100mm and 125-150mm cavities.  
Designed to replace the Butterfly Tie.  
Can be used in line with NHBC standards.

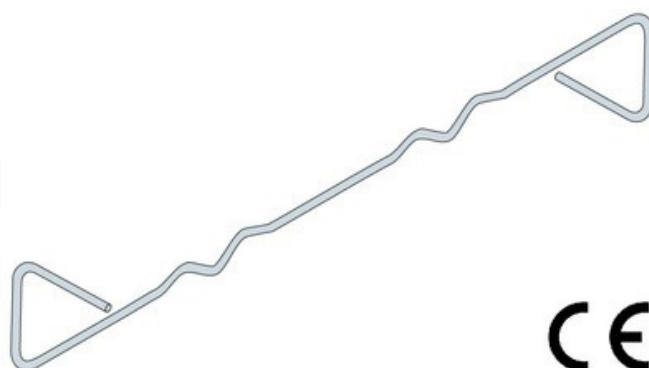
Product	Part Number
Staifix HRT4 – 200mm Long (Box of 250)	HRT4200BOXS
Staifix HRT4 – 225mm Long (Box of 250)	HRT4225BOXS
Staifix HRT4 – 250mm Long (Box of 250)	HRT4250BOXS
Staifix HRT4 – 275mm Long (Box of 250)	HRT4275BOXS



## Ancon HRD4 Wall Ties

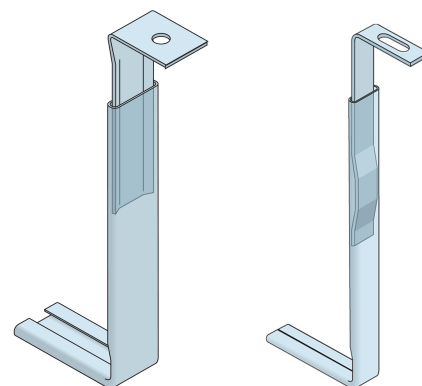
Conforms to PD 6697 as a Type 4 tie.  
Can be used in line with NHBC standards.

Product	Part Number
Ancon HRD4 – 250mm Long	HRD4250BOX
Ancon HRD4 – 250mm Long	HRD4275BOX



## Ancon IHR Head Restraints

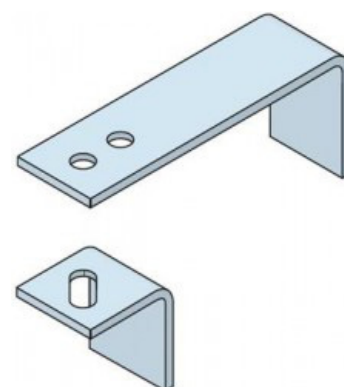
The Ancon IHR is designed to restrain the top of internal walls or the top of the inner leaf of a cavity wall. It comprises an L-shaped channel stem and a top section available in a variety of designs to suit different fixing methods and substrates; the top section slides in the channel to accommodate vertical movement between the blockwork and the structure.



Product	Part Number
Ancon IHR-V Head Restraint 225mm long	IHRV225
Ancon IHR-B Head Restraint 225mm long	IHRB225

## Ancon FHR Head Restraints

The Ancon FHR Head Restraint is used for restraining the top of internal walls or the internal leaf of a cavity wall. The two angles clamp the top of the wall and have 10mm diameter holes to suit M8 bolts. They are supplied with two holes in the longer angle to allow the restraint to fit 100mm and 140mm blockwork. Each restraint provides a design resistance of 1890N.



Product	Part Number
Ancon FHR Head Restraint for a 100mm block	FHR164B100

# Ancon Acoustic Wall Ties

Product	Part Number
ACOU SP-SP 50mm cavity	ACOU/SP-SP/50
ACOU SP-SP for 75mm cavity	ACOU/SP-SP/75
ACOU SP-SP for 100mm cavity	ACOU/SP-SP/100
ACOU SP-SP for 125mm cavity	ACOU/SP-SP/125
ACOU SP- SP for 150mm cavity	ACOU/SP-SP/150
ACOU SP-SP for 175mm cavity	ACOU/SP-SP/175
ACOU SP-SD for 75mm cavity	ACOU/SP-SD/75
ACOU SP-SD for 100mm cavity	ACOU/SP-SD/100
ACOU SP-SD for 125mm cavity	ACOU/SP-SD/125
ACOU SP-SD for 150mm cavity	ACOU/SP-SD/150
ACOU SP-SD for 175mm cavity	ACOU/SP-SD/175
ACOU SP-ZB for 50mm cavity	ACOU/SP-ZB/50
ACOU SP-ZB for 75mm cavity	ACOU/SP-ZB/75
ACOU SP-ZB for 100mm cavity	ACOU/SP-ZB/100
ACOU SP-ZB for 125mm cavity	ACOU/SP-ZB/125
ACOU SP-ZB for 150mm cavity	ACOU/SP-ZB/150
ACOU SP-ZB for 175mm cavity	ACOU/SP-ZB/175
ACOU SP-ZV50A	ACOU/SP-ZV50A
ACOU SP-ZV75A	ACOU/SP-ZV75A
ACOU SP-ZV100A	ACOU/SP-ZV100A
ACOU SP-ZV125A	ACOU/SP-ZV125A
ACOU SP-ZV150A	ACOU/SP-ZV150A
ACOU SP-ZV175A	ACOU/SP-ZV175A
ACOU SD-ZB100A	ACOU/SD-ZB100A
ACOU SD-ZB125A	ACOU/SD-ZB125A
ACOU SD-ZB150A	ACOU/SD-ZB150A
ACOU SD-ZB175A	ACOU/SD-ZB175A
ACOU SD-ZV175A	ACOU/SD-ZV175A
ACOU ZB-ZB150A	ACOU/ZB-ZB150A
ACOU ZB-ZB175A	ACOU/ZB-ZB175A



Product	Part Number
ACOU ZV-ZV50A	ACOU/ZV-ZV50A
ACOU ZV-ZV125A	ACOU/ZV-ZV125A
ACOU ZV-ZV150A	ACOU/ZV-ZV150A
ACOU SD-ZV100A	ACOU/SD-ZV100A
ACOU SD-ZV125A	ACOU/SD-ZV125A
ACOU SD-ZV150A	ACOU/SD-ZV150A
ACOU ZV-ZV75A	ACOU/ZV-ZV75A
ACOU ZB-ZB50A	ACOU/ZB-ZB50A
ACOU ZB-ZB75A	ACOU/ZB-ZB75A
ACOU ZB-ZB100A	ACOU/ZB-ZB100A
ACOU ZB-ZB125A	ACOU/ZB-ZB125A
ACOU ZV-ZV100A	ACOU/ZV-ZV100A
ACOU ZV-ZV175A	ACOU/ZV-ZV175A
ACOU ZB-ZV50A	ACOU/ZB-ZV50A
ACOU ZB-ZV75A	ACOU/ZB-ZV75A
ACOU ZB-ZV100A	ACOU/ZB-ZV100A
ACOU ZB-ZV125A	ACOU/ZB-ZV125A
ACOU ZB-ZV150A	ACOU/ZB-ZV150A
ACOU ZB-ZV175A	ACOU/ZB-ZV175A
HRT4/R200 200mm	HRT4/R200/200
HRT4/R200 225mm	HRT4/R200/225
HRT4/R200 250mm	HRT4/R200/250

# Staifix Universal Wall Starter System

This system includes all necessary fixings to join a single skin of masonry, 2400mm high, to an existing wall. Each pack includes two fixing strips, five plugs, five washers, five screws and ten wall ties. It is suitable for wall widths from 60mm to 250mm and has a design resistance of 1.7kN per metre. Wall ties slide within the fixing strip to course with the bed joints of any masonry unit.



Product	Part Number
Staifix Stainless Steel Universal Wall Starter Pack	WSS-20 BOX

## 36/8 Wall Extension System

This system is available as a kit comprising a length of 36/8 Channel 2400mm long, ten safety-ended SP36 flat wall ties and ten plugs / screws. It has a design resistance of 1.6kN per metre.



# Ancon Double Triangle Wall Ties

Conforms to EN 845-1 and PD 6697 as a Type 2 Tie.

Conforms to EN 845-1 and PD 6697 as a Type 3 tie.

Product	Part Number
Ancon DT Double Triangle – 200mm	DT200BOX
Ancon DT Double Triangle – 225mm	DT225BOX
Ancon DT Double Triangle – 250mm	DT250BOX



# Ancon Teplo-BFR Wall Ties

The Teplo-BFR is a low thermal conductivity wall tie manufactured from basalt-fibres that features a plain end for resin anchoring into an existing structure and a moulded safety end for building into a new bed joint.



# Ancon Teplo-BF1 Wall Ties

Thermal conductivity: 0.7W/mK.

Conforms to PD 6697 as a type 1 tie.

Can be used in line with NHBC standards.

Product	Part Number
Teplo-BF-1 200mm to suit 75mm cavity	BF1-200
Teplo-BF-1 225mm to suit 100mm cavity	BF1-225
Teplo-BF-1 250mm to suit 125mm cavity	BF1-250
Teplo-BF-1 275mm to suit 150mm cavity	BF1-275





## Ancon Teplo-BF2 Wall Ties

Thermal Conductivity: 0.7W/mK.  
Conforms to PD 6697 type 2.  
Can be used in line with NHBC standards.

Product	Part Number
Teplo-BF-2 200mm to suit 75mm cavity	BF2-200
Teplo-BF-2 225mm to suit 100mm cavity	BF2-225
Teplo-BF-2 250mm to suit 125mm cavity	BF2-250
Teplo-BF-2 275mm to suit 150mm cavity	BF2-275
Teplo-BF-2 300mm to suit 175mm cavity	BF2-300
Teplo-BF-2 325mm to suit 200mm cavity	BF2-325
Teplo-BF-2 350mm to suit 225mm cavity	BF2-350
Teplo-BF-2 375mm to suit 250mm cavity	BF2-375
Teplo-BF-2 400mm to suit 275mm cavity	BF2-400
Teplo-BF-2 425mm to suit 300mm cavity	BF2-425



## Ancon Teplo-BF3 Wall Ties

Thermal Conductivity: 0.7W/mK.  
Conforms to PD 6697 type 3.  
Can be used in line with NHBC standards.

Product	Part Number
Teplo-BF-3 450mm to suit 325mm cavity	BF3-450
Teplo-BF-3 475mm to suit 350mm cavity	BF3-475
Teplo-BF-3 500mm to suit 375mm cavity	BF3-500
Teplo-BF-3 525mm to suit 400mm cavity	BF3-525



## Ancon Teplo-BF4 Wall Ties

Thermal Conductivity: 0.7W/mK.  
Conforms to PD 6697 type 4.  
Can be used in line with NHBC standards.



Product	Part Number
Teplo-BF-4 200mm to suit 75mm cavity	BF4-200
Teplo-BF-4 225mm to suit 100mm cavity	BF4-225
Teplo-BF-4 250mm to suit 125mm cavity	BF4-250
Teplo-BF-4 550mm to suit 425mm cavity	BF4-550
Teplo-BF-4 575mm to suit 450mm cavity	BF4-575

## Ancon Teplo-L-Tie

Thermal conductivity: 0.7W/mK.  
Conforms to PD 6697 as a type 1 tie.  
Can be used in line with NHBC standards.

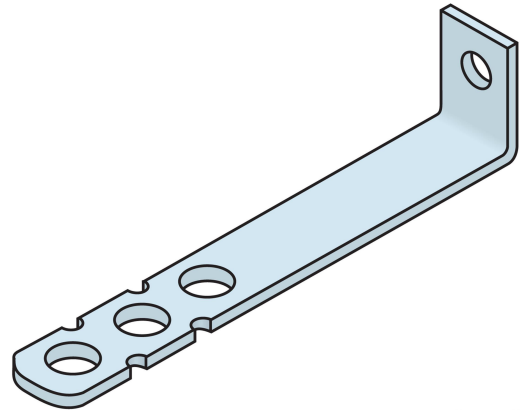


Product	Part Number
Teplo-L Tie – TeploL-5 165mm to suit 83-100mm cavity	TEPLO-L5-165
Teplo-L Tie – TeploL-5 190mm to suit 108-125mm cavity	TEPLO-L5-190
Teplo-L Tie – TeploL-5 215mm to suit 133-150mm cavity	TEPLO-L5-215
Teplo-L Tie – TeploL-5 240mm to suit 158-175mm cavity	TEPLO-L5-240
Teplo-L Tie – TeploL-5 265mm to suit 183-200mm cavity	TEPLO-L5-265
Teplo-L Tie – TeploL-7 165mm to suit 83-100mm cavity	TEPLO-L7-165
Teplo-L Tie – TeploL-7 190mm to suit 108-125mm cavity	TEPLO-L7-190
Teplo-L Tie – TeploL-7 215mm to suit 133-150mm cavity	TEPLO-L7-215
Teplo-L Tie – TeploL-7 240mm to suit 158-175mm cavity	TEPLO-L7-240
Teplo-L Tie – TeploL-7 265mm to suit 183-200mm cavity	TEPLO-L7-265
Teplo-L Tie – TeploL-7 290mm to suit 208-225mm cavity	TEPLO-L7-290
Teplo-L Tie – TeploL-7 315mm to suit 233-250mm cavity	TEPLO-L7-315
Teplo-L Tie – TeploL-7 340mm to suit 258-275mm cavity	TEPLO-L7-340
Teplo-L Tie – TeploL-7 365mm to suit 283-300mm cavity	TEPLO-L7-365

## Ancon SPB Frame Cramps

The Ancon SPB Frame Cramp has a plain shank. They are an ideal solution where a restraint is required between masonry and in-situ structures. They can be fixed to a range of materials including concrete, steelwork and masonry.

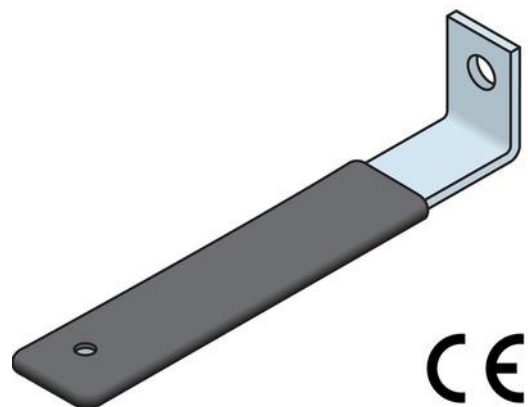
Product	Part Number
SPB Frame Cramp – 75mm Long (Box of 250)	SPB75
SPB Frame Cramp – 100mm Long (Box of 250)	SPB100
SPB Frame Cramp – 125mm Long (Box of 250)	SPB125
SPB Frame Cramp – 150mm Long (Box of 250)	SPB150
SPB Frame Cramp – 175mm Long (Box of 250)	SPB175
SPB Frame Cramp – 200mm Long (Box of 250)	SPB200
SPB Frame Cramp – 225mm Long (Box of 250)	SPB225



## Ancon PPB Wall Ties

Available in a range of sizes.

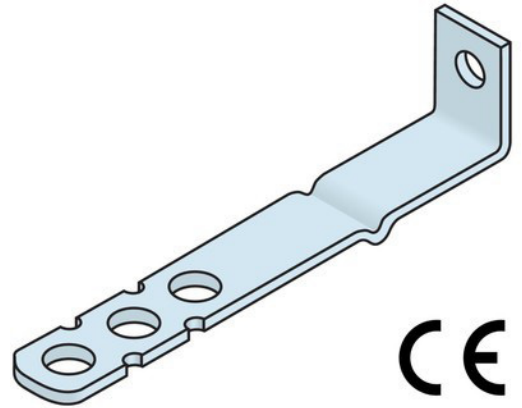
Product	Part Number
PPB 125mm Wall Ties	PPB/125
PPB 150mm Wall Ties	PPB/150
PPB 175mm Wall Ties	PPB/175
PPB 200mm Wall Ties	PPB/200
PPB 225mm Wall Ties	PPB/225



## Ancon SDB Wall Ties

Available in a range of sizes.

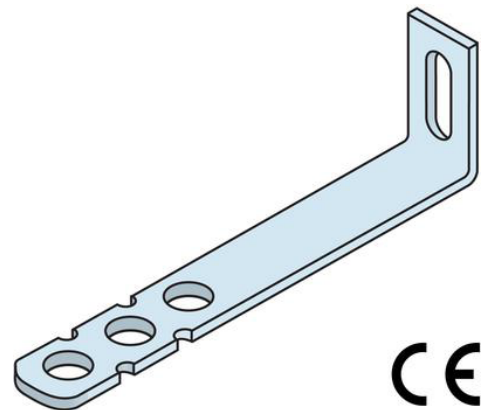
Product	Part Number
SDB 100mm Wall Ties	SDB/100
SDB 125mm Wall Ties	SDB/125
SDB 150mm Wall Ties	SDB/150
SDB 175mm Wall Ties	SDB/175



## Ancon SPV Wall Ties

Available in a range of sizes.

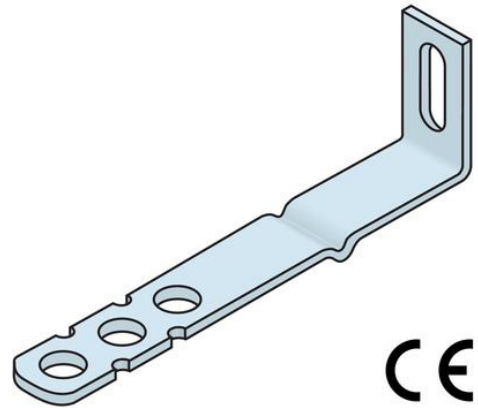
Product	Part Number
SPV 75mm Wall Ties	SPV/75
SPV 100mm Wall Ties	SPV/100
SPV 125mm Wall Ties	SPV/125
SPV 150mm Wall Ties	SPV/150
SPV 175mm Wall Ties	SPV/175
SPV 200mm Wall Ties	SPV/200



## Ancon SDV Wall Ties

Available in a range of sizes.

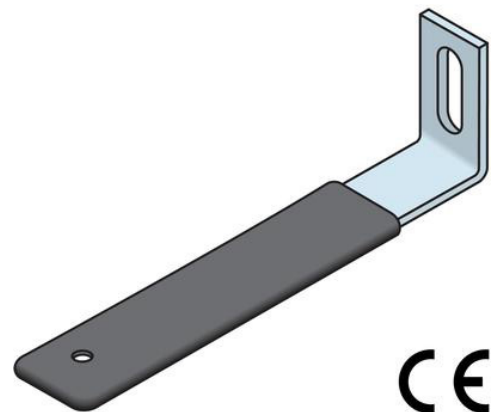
Product	Part Number
SDV 125mm Wall Ties	SDV/125
SDV 150mm Wall Ties	SDV/150
SDV 175mm Wall Ties	SDV/175
SDV 200mm Wall Ties	SDV/200
SDV 225mm Wall Ties	SDV/225



## Ancon PPV Wall Ties

Available in a range of sizes.

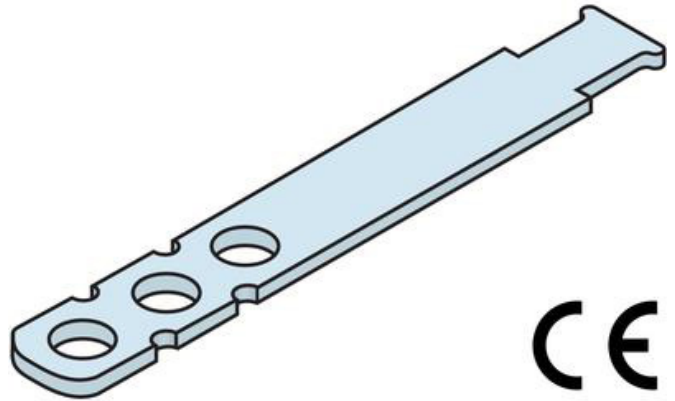
Product	Part Number
PPV 125mm Wall Ties	PPV/125
PPV 150mm Wall Ties	PPV/150
PPV 175mm Wall Ties	PPV/175
PPV 200mm Wall Ties	PPV/200
PPV 225mm Wall Ties	PPV/225



## Ancon SP21 Wall Ties

Available in a range of sizes.

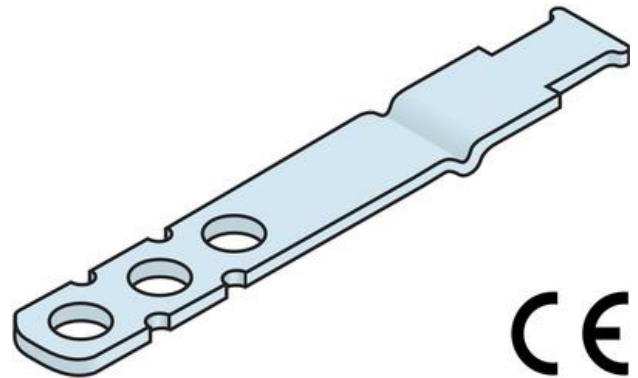
Product	Part Number
SP21 75mm Wall Ties	SP21/75
SP21 100mm Wall Ties	SP21/100
SP21 125mm Wall Ties	SP21/125
SP21 150mm Wall Ties	SP21/150
SP21 175mm Wall Ties	SP21/175
SP21 200mm Wall Ties	SP21/200



## Ancon SD21 Wall Ties

Available in a range of sizes.

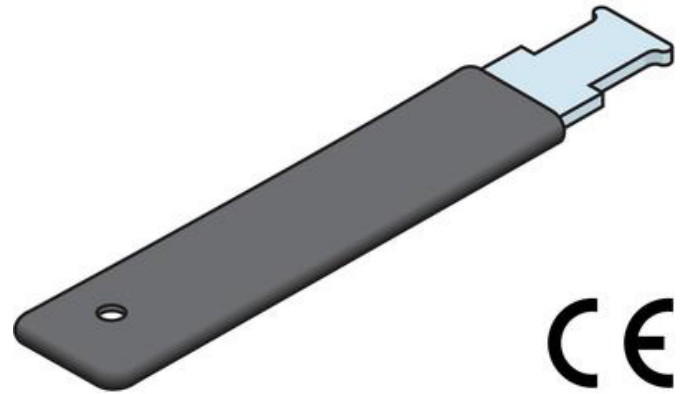
Product	Part Number
SD21 125mm Wall Ties	SD21/125
SD21 150mm Wall Ties	SD21/150
SD21 175mm Wall Ties	SD21/175
SD21 200mm Wall Ties	SD21/200
SD21 225mm Wall Ties	SD21/225



## Ancon PP21 Wall Ties

Available in a range of sizes.

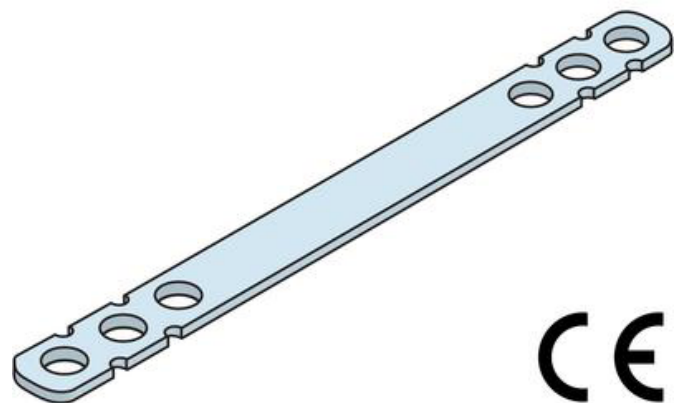
Product	Part Number
PP21 125mm Wall Ties	PP21/125
PP21 150mm Wall Ties	PP21/150
PP21 175mm Wall Ties	PP21/175
PP21 200mm Wall Ties	PP21/200
PP21 225mm Wall Ties	PP21/225



## Ancon SPS Wall Ties

Not suitable for collar-jointed construction.

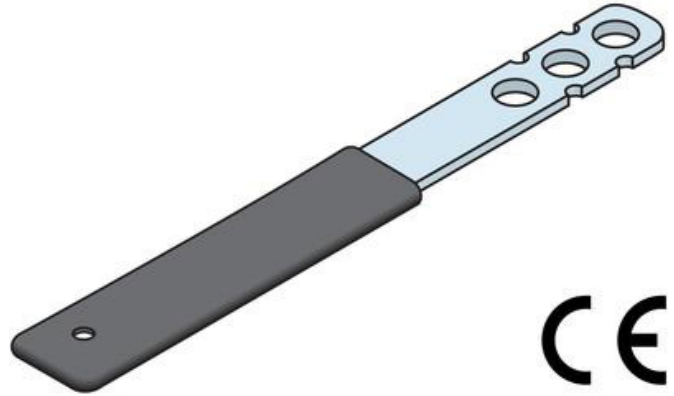
Product	Part Number
SPS 150mm Wall Ties	SPS/150
SPS 175mm Wall Ties	SPS/175
SPS 200mm Wall Ties	SPS/200
SPS 225mm Wall Ties	SPS/225
SPS 250mm Wall Ties	SPS/250
SPS 275mm Wall Ties	SPS/275
SPS 300mm Wall Ties	SPS/300
SPS CJ 150mm Wall Ties	SPS/CJ/150



## Ancon PPS Wall Ties

Available in a range of sizes.

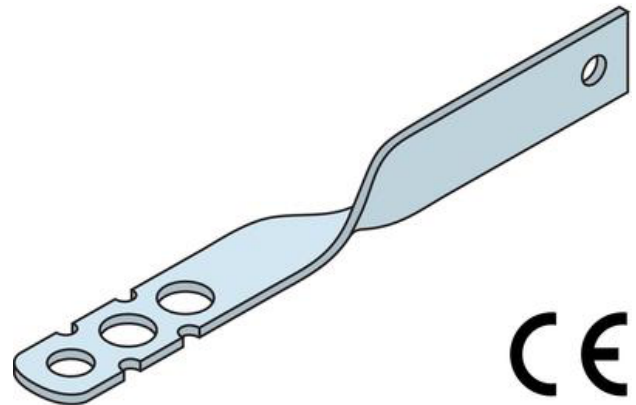
Product	Part Number
PPS Wall Tie – 175mm Long (Box of 250)	PPS175
PPS Wall Tie – 225mm Long (Box of 250)	PPS225
PPS Wall Tie – 250mm Long (Box of 250)	PPS250



## Ancon SHX Wall Ties

Available in a range of sizes.

Product	Part Number
SHX 150mm Wall Ties	SHX/150
SHX 175mm Wall Ties	SHX/175
SHX 200mm Wall Ties	SHX/200
SHX 225mm Wall Ties	SHX/225

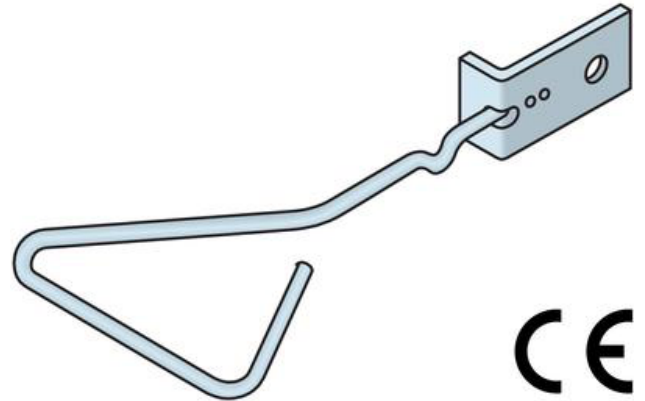




## Ancon WHX Wall Ties

Available in a range of sizes.

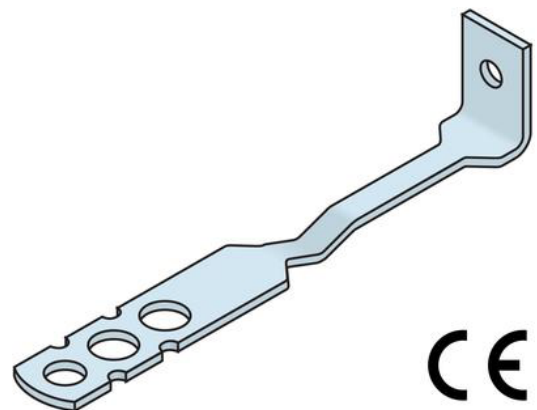
Product	Part Number
WHX 150mm Wall Ties	WHX/150
WHX 175mm Wall Ties	WHX/175
WHX 200mm Wall Ties	WHX/200



## Ancon SRB Wall Ties

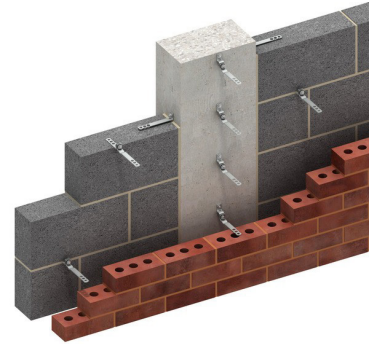
Used in applications instead of the SDB where greater flexibility is required

Product	Part Number
SRB 125mm Wall Ties	SRB/125
SRB 150mm Wall Ties	SRB/150
SRB 175mm Wall Ties	SRB/175
SRB 200mm Wall Ties	SRB/200



# Ancon SAH - Sliding Anchors

Ancon SAH Sliding Anchors have stems which fit within the cavity and accept ties that slide to accommodate vertical movement. Available with five different head options as standard, they can be supplied with one-way or two-way ties with safety ends.



Product	Part Number
SAH-UT 340mm	SAH-UT/340
SAH-UT 400mm	SAH-UT/400
SAH-UT 500mm	SAH-UT/500
SAH-UT 600mm	SAH-UT/600
SAH-U 340mm	SAH-U/340
SAH-U 400mm	SAH-U/400
SAH-U 450mm	SAH-U/450
SAH-U 500mm	SAH-U/500
SAH-U 600mm	SAH-U/600
SAH-UO 340mm	SAH-UO/340
SAH-UO 400mm	SAH-UO/400
SAH-UO 450mm	SAH-UO/450
SAH-UO 500mm	SAH-UO/500
SAH-UO 600mm	SAH-UO/600
SAH-T 340mm	SAH-T/340
SAH-T 400mm	SAH-T/400
SAH-T 450mm	SAH-T/450
SAH-T 500mm	SAH-T/500
SAH-T 600mm	SAH-T/600
SAH-UF 340mm	SAH-UF/340
SAH-UF 400mm	SAH-UF/400
SAH-UF 450mm	SAH-UF/450
SAH-UF 500mm	SAH-UF/500
SAH-UF 600mm	SAH-UF/600

# Ancon Two Part Wall Ties

Available in a range of sizes.

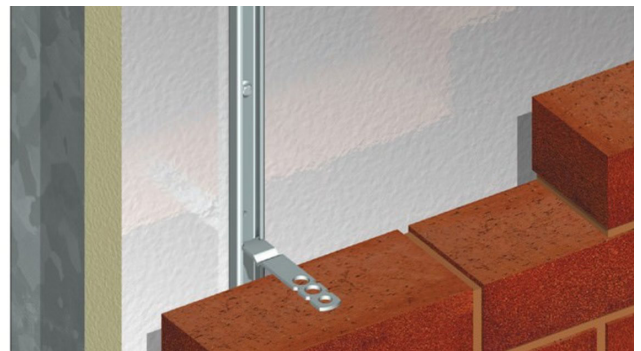
Product	Part Number
Two-Part Wall Tie 150-300mm/450mm/900mm	TPWT/150
Two-Part Wall Tie 301-333mm/450mm/750mm	TPWT/301
Two-Part Wall Tie 334-367mm/450mm/600mm	TPWT/334
Two-Part Wall Tie 368-400mm/450mm/450mm	TPWT/450



# Ancon 25/14 Restraint System

The Ancon 25/14 Channel has been designed to tie masonry to steelwork, including steel studding.

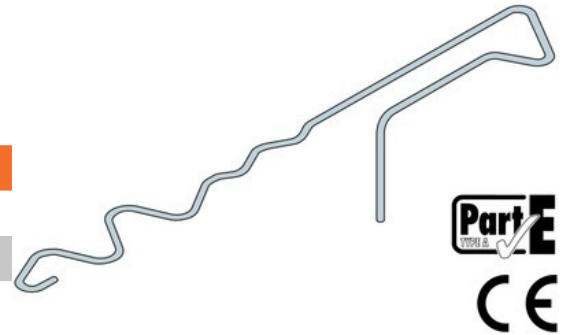
Product	Part Number
25/14 Plain Backed Channel, 2700mm	25/14 2700
25/14 Restraint System 3000mm	25/14 3000



## Staifix TE-ITB4

ITB referenced ties enable the insulation material to be installed flush to the blockwork.

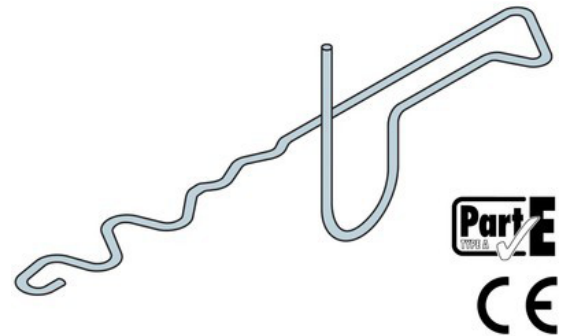
Product	Part Number
Staifix TE-ITB4 185mm for 50-60mm Cavities	TE-ITB4/185
Staifix TE-ITB4 200mm for 60-75mm Cavities	TE-ITB4/200
Staifix TE-ITB4 225mm for 85-100mm Cavities	TE-ITB4/225



## Staifix TE-ITC2

ITC referenced ties position the insulation 25mm away from the block.

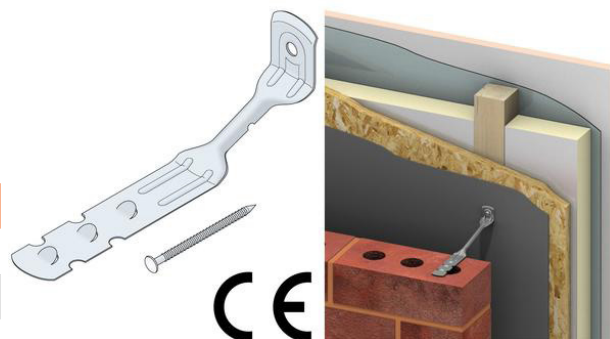
Product	Part Number
Staifix TE-ITC2 200mm for 60-75mm Cavities	SHX/150
Staifix TE-ITC2 225mm for 85-100mm Cavities	SHX/175



# Staifix Timber Frame Ties

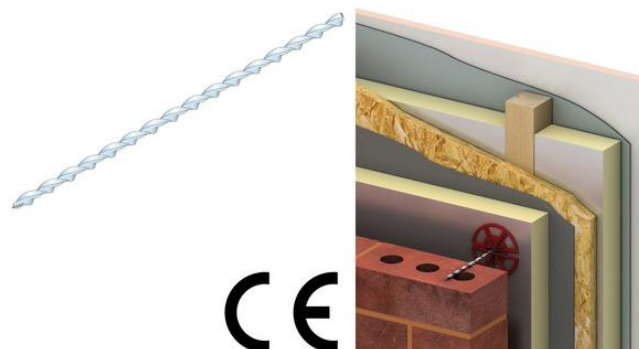
The Staifix STF6 Timber Frame Tie is a cranked cavity wall tie for use in the construction of timber-framed buildings. Supplied complete with an annular ring shank nail. Supplied in a box of 250.

Product	Part Number
Staifix Timber Frame Tie for a 50mm Cavity	STF50BOX
Staifix Timber Frame Tie for a 75mm Cavity	STF75BOX
Staifix Timber Frame Tie for a 100mm Cavity	STF100BOX



## Staifix-Thor Helical Timber Tie, TIM6

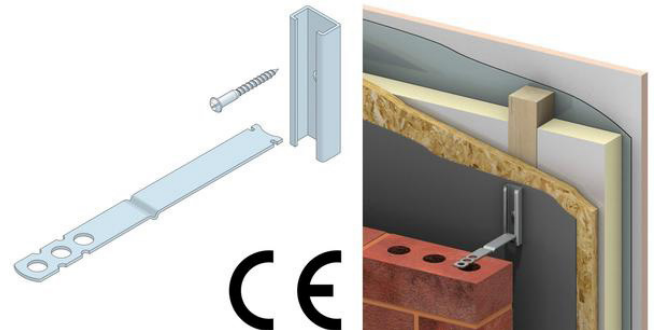
The Staifix-Thor Helical TIM6 is available in four standard lengths. It is suitable for cavities from 50mm to 150mm and can be used with the red Staifix Universal Clip where insulation has to be retained in the cavity. An installation tool is required to hammer the tie into the timber frame. The TIM6 has a cross-sectional area of 6.6mm<sup>2</sup>.



Product	Part Number
Staifix-Thor Helical Timber Tie, TIM6 175mm for 50-75mm Cavities	TIM6/175
Staifix-Thor Helical Timber Tie, TIM6 200mm for 76-100mm Cavities	TIM6/200
Staifix-Thor Helical Timber Tie, TIM6 225mm for 101-125mm Cavities	TIM6/225
Staifix-Thor Helical Timber Tie, TIM6 250mm for 126-150mm Cavities	TIM6/250

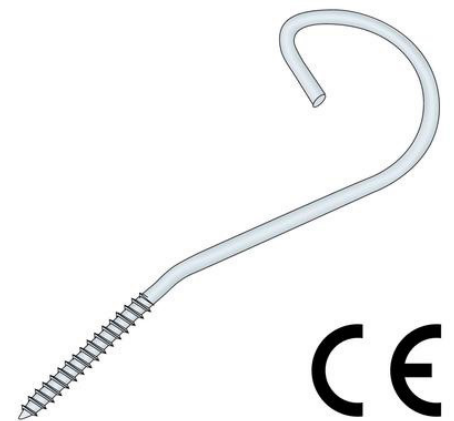
## Ancon Timber Frame Movement Tie TFMT7

Manufactured to suit any cavity from 50mm to 150mm, the Ancon Timber Frame Movement Tie comprises a channel, a strip tie and a screw. This system accommodates maximum differential movement of 65mm; the tie should be positioned 10-12mm from the bottom of the channel.



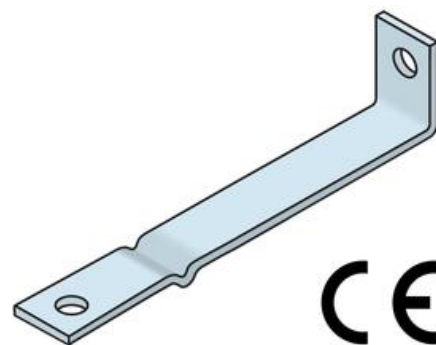
## Staifix Frame Ties

The Staifix Frame Tie is used to join timber door and window frames directly to brickwork. It is suitable for use in buildings up to 15 metres in height. The vertical spacing of frame ties depends on the application.



## Standard Stone Fixings - YDB (120mm)

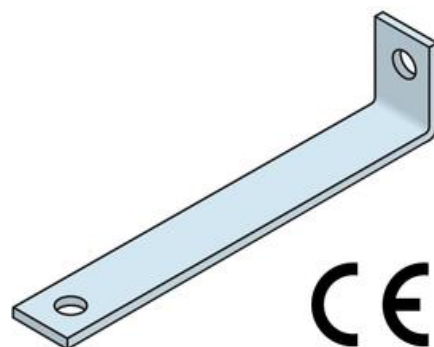
Part Number: YDB/120



CE

## Standard Stone Fixings - YPB (40mm)

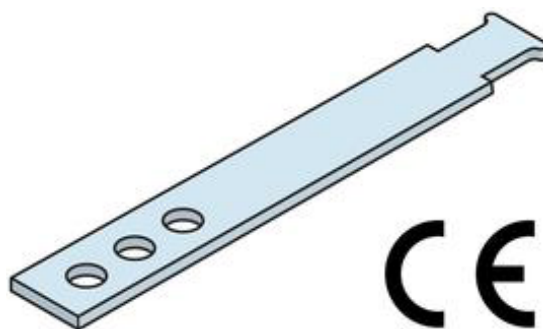
Part Number: YPB/40



CE

## Standard Stone Fixings - MP21 (70mm)

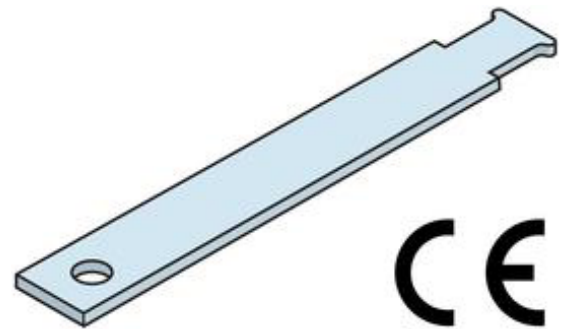
Part Number: MP21/70



CE

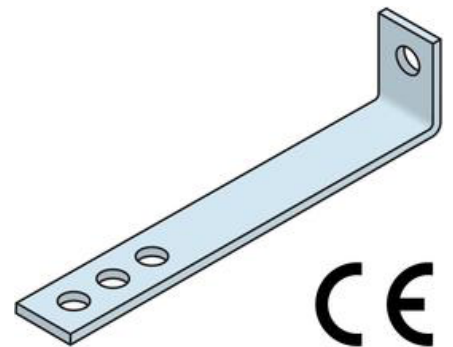
## Standard Stone Fixings - YP21 (40mm)

Part Number: YP21/40



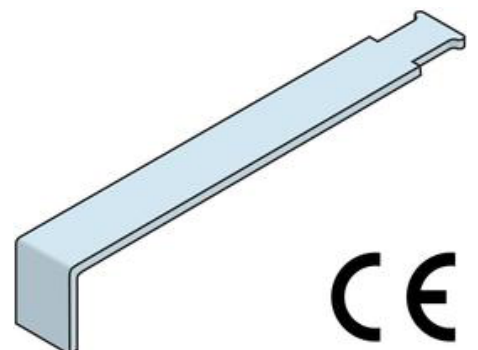
## Standard Stone Fixings - MPB (70mm)

Part Number: MPB/70



## Standard Stone Fixings - LP21 (35mm)

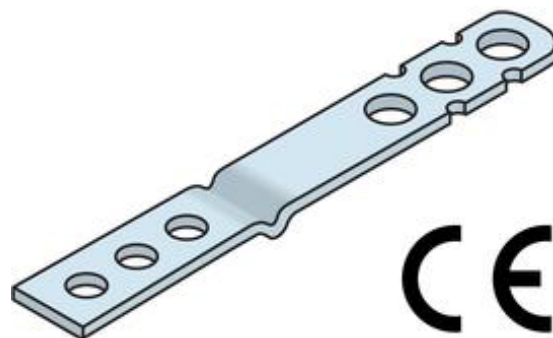
Part Number: LP21/35





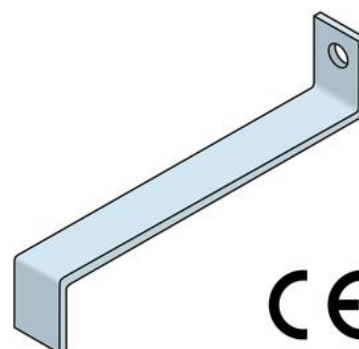
## Standard Stone Fixings - MDS (140mm)

Part Number: MDS/140



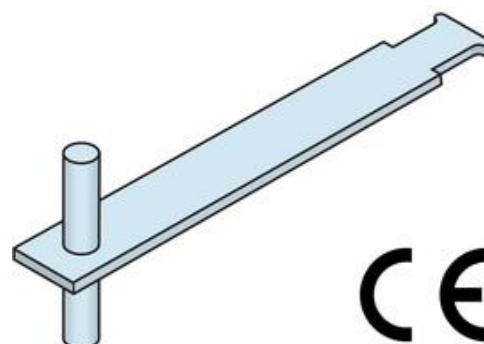
## Standard Stone Fixings - LPB (40mm)

Part Number: LPB/40



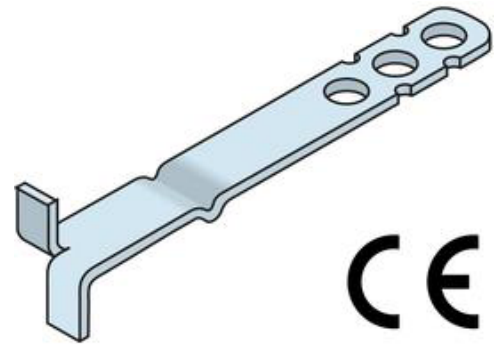
## Standard Stone Fixings - DP21 (40mm)

Part Number: DP21/40



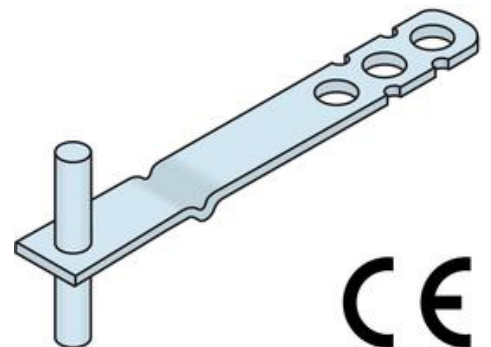
## Standard Stone Fixings - ZDS (110mm)

Part Number: ZDS/110



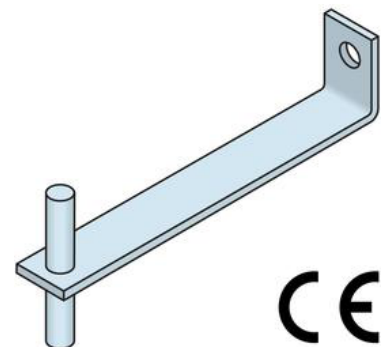
## Standard Stone Fixings - DDS (120mm)

Part Number: DDS/120



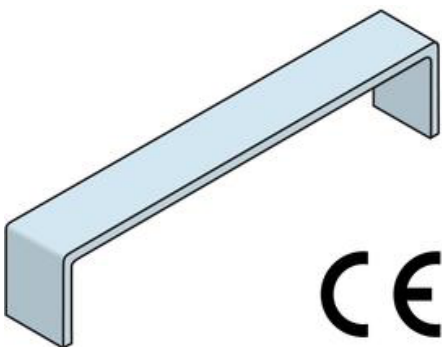
## Standard Stone Fixings - DPB (40mm)

Part Number: DPB/40



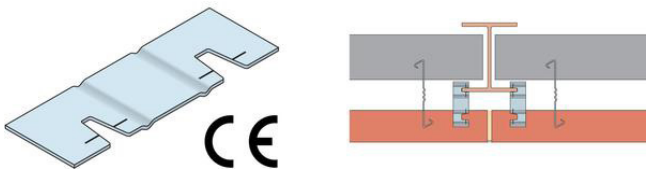
# Standard Stone Fixings - LPL (75mm)

Part Number: LPL/75



## Ancon Briclok

The Briclok fits to a column flange and can be used either across a cavity or back into the inner leaf. It should be positioned with the appropriate notch around the flange and installed at 225mm vertical centres. The tie must not be forced onto the column and should have no less than 10mm engagement.

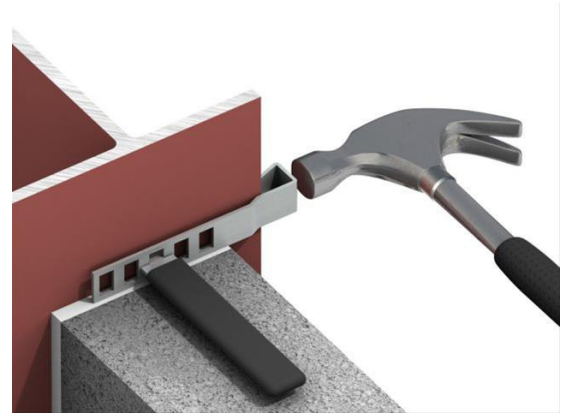


Product	Part Number
Ancon Briclok 150mm/20-50mm/6.8-13.5mm	BL-150A
Ancon Briclok 180mm/50-80mm/6.8-13.5mm	BL-180A
Ancon Briclok 150mm/20-50mm/13.5-20.0mm	BL-150B
Ancon Briclok 180mm/50-80mm/13.5-20.0mm	BL-180B

# Ancon Hammer-On Fixings

Stainless steel non-drill masonry to steel fixing system designed to eliminate the dangers associated with shot-firing or drilling. The hammer-on fixing system is available in five sizes to suit steel thicknesses of 7–25 mm. The ties are designed to be hammered onto the flange of a steel beam or column.

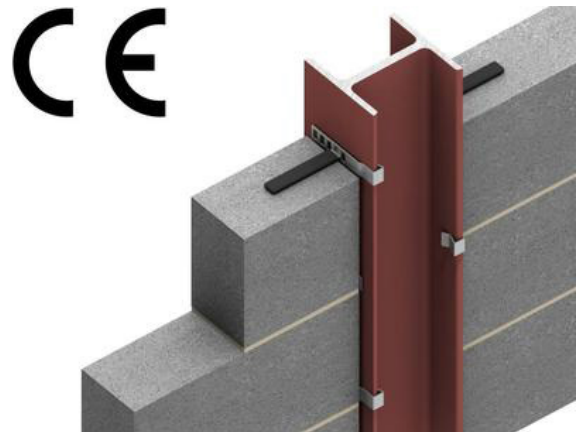
Product	Part Number
Hammer-On Fixing XS to suit 7-10mm Flanges	HFXS
Hammer-On Fixing S to suit 10-13mm Flanges	HFX
Hammer-On Fixing M to suit 14-17mm Flanges	HXM
Hammer-On Fixing L to suit 18-21mm Flanges	HFL
Hammer-On Fixing XL to suit 22-25mm Flanges	HFXL
Hammer-on Tie 120mm	HT120



# Ancon Internal Column Ties

Available in seven sizes to suit standard universal column/beam dimensions, this tie fits between the flanges of a column and should be installed at 225mm vertical centres.

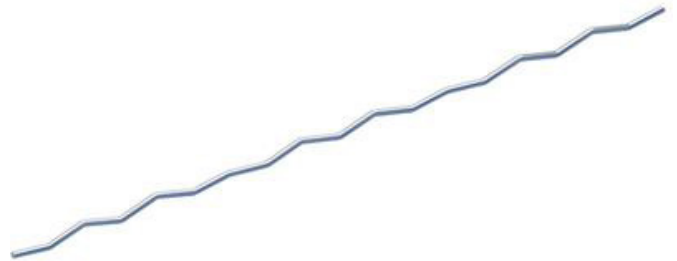
Product	Part Number
Ancon Internal Column Tie 179mm	ICT/179
Ancon Internal Column Tie 186mm	ICT/186
Ancon Internal Column Tie 224mm	ICT/224
Ancon Internal Column Tie 232mm	ICT/232
Ancon Internal Column Tie 275mm	ICT/275
Ancon Internal Column Tie 281mm	ICT/281
Ancon Internal Column Tie 330mm	ICT/330
Ancon Non-Standard Internal Column Tie	N-SICT



## Ancon Type A R/R

This is designed as a remedial tie for a separating wall. It will normally be inserted in 10mm Ø holes and resin-bonded into both leaves. It meets the requirements of a Type A wall tie to Approved Document E.

Length:  
225mm



## Staifix Resin/Resin (RR)

Lengths:  
180mm for 40-60mm cavities  
200mm for 61-80mm cavities  
220mm for 81-100mm cavities



## Ancon Stairib Bar

Stainless Steel ribbed bar, resin-grouted into the inner and outer leaves. Requires 10mm Ø hole (6mm dia. bar) or 12mm Ø hole (8mm dia. bar).

Lengths:  
As required. Diameter 6, 8mm



## Ancon AC 31 Wavy Single Triangle Ties

Used where bricks are removed then replaced in the outer leaf. The wavy end is resin-bonded into the inner leaf in a 10mm Ø hole. The triangular end sits in a bed joint. Ancon AC31 can be supplied with a drip or a neoprene ring.



Product	Part Number
Ancon AC 31 Wavy Single Triangle Tie 175mm	AC31/175
Ancon AC 31 Wavy Single Triangle Tie 200mm	AC31/200
Ancon AC 31 Wavy Single Triangle Tie 225mm	AC31/225
Ancon AC 31 Wavy Single Triangle Tie 250mm	AC31/250
Ancon AC 31 Wavy Single Triangle Tie 275mm	AC31/275
Ancon AC 31 Wavy Single Triangle Tie 300mm	AC31/300

## Ancon AC 31C Cranked Wavy Tails

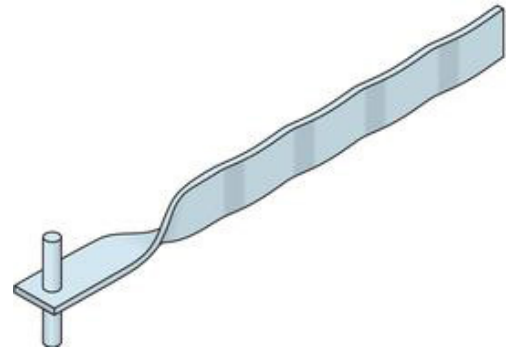
Similar to the AC 31 but cranked by 25mm to aid fixing to the inner leaf. Requires 10mm Ø holes.



Product	Part Number
Ancon AC 31C Cranked Wavy Tails 175mm	AC31C/175
Ancon AC 31C Cranked Wavy Tails 200mm	AC31C/200
Ancon AC 31C Cranked Wavy Tails 225mm	AC31C/225

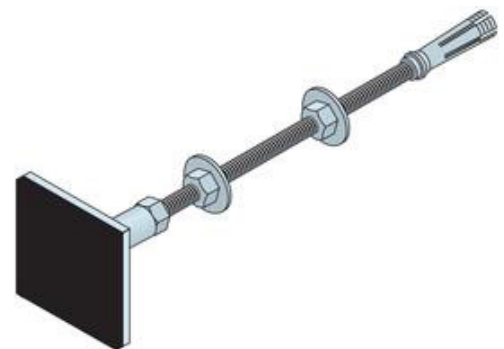
## Ancon 150

This grout-in masonry tie restrains 20 to 30mm thin facings and is suitable for cavities up to 60mm wide. The 12 x 2mm corrugated body provides optimum bond in a 12 x 90mm hole. The 50 x 3mm dowel is supplied loose.



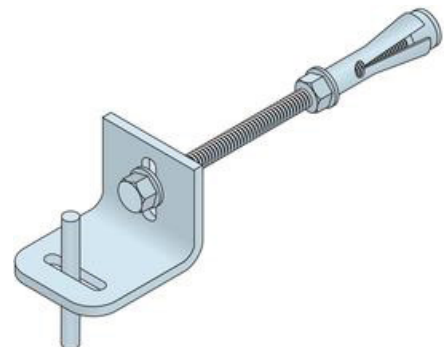
## Ancon Push-Off Bolt

This fixing provides the centre of stone panels with additional resistance to the effects of impact loads, blast loads and positive wind pressure. Its mechanical expander fixes securely into the inner leaf while the neoprene pad cushions the external stone panel and prevents rattling. Lengths to suit 100-200mm.



## Ancon 2000

Ancon 2000 restraint fixings are simple and secure method of fixing thin facing slabs (20-40mm).



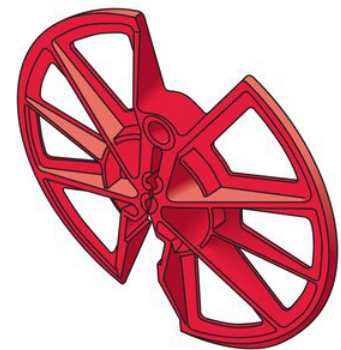
# Teplo-Clip

Suitable for use with the TeploTie range.



## Universal Insulation Retaining Clip

Diameter 80mm.  
Suitable for use with all standard stainless steel ties.

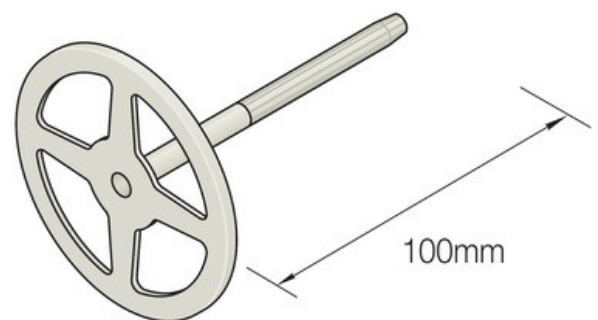


## Insulation Retainer

The H75/2 Insulation Retainer is for securing material to concrete, blockwork and brickwork.

The 90mm diameter head can hold back up to 75mm of insulation.

A 10mm diameter hole is required in the base material. The projecting end of the retainer is pushed through the insulation material into the hole and tapped into position to secure the insulation.





# Ancon RM63 Remedial Wall Ties

For use when the material in the inner leaf is perforated, of low-density or friable material. A resin fixing may be used to eliminate any imposed stress. Requires 11mm Ø holes.



Product	Part Number
RM63B 35-60mm Nominal Cavity 200mm	RM63200-B
RM63B 61-85mm Nominal Cavity 225mm	RM63225-B
RM63B 86-110mm Nominal Cavity 250mm	RM63250-B
RM63B 135-160mm Nominal Cavity 300mm	RM63300-B



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