

sabrefix

THE QUALITY SUPPLIER OF BUILDERS METALWORK

QUALITY PRODUCTS • QUALITY SERVICE

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For over two decades Sabrefix have been manufacturing Builders Metalwork for the construction industry. Based in the UK, Sabrefix produce a high quality product range distributing nationwide with an unrivalled service.

The growth Sabrefix has enjoyed is due to meeting the changing needs of its customers by continual investment in training, processes and procedures for today and every day, keeping one step ahead.



QUALITY PRODUCTS - QUALITY SERVICE

Our Customer Promise:

"For quality products that comply with all current technical requirements, coupled with a service that gets the products there on time at a competitive price, Sabrefix delivers."

We work hard to get it right first time



Certificate No. 1017

Product	Variations	Sizes	Applications and Design Features	Installation Requirements	Material Specification
"One Piece" JOIST HANGER	Built in Return Straddle	Joist Widths 38,44,50,63,75 and 100mm Joist Depths 100,125,150,175, 200 and 225mm	For supporting timber joists and structural composite timber from masonry walls. Straddle to comply with fire regulations in party wall applications. A non welded construction to BS6178. Increased safe working loads, higher side flange and resists rotation.	600mm of cured brick/block work above hanger before loading. All hangers for timbers 150mm deep and above are made 10mm undersized for notching, which provides a flush ceiling line.	2.5mm pre galvanised. mild steel to BS EN10142:1991, DX51D + Z600. Stainless steel hangers made to order.
RESTRAINT STRAPS	Heavy Duty Light Duty Roll Formed Available Straight, Bent or Twisted	30 x 5mm 30 x 2.5mm 30 x 2.0mm Available in any size in 50mm increments	Horizontal and vertical straps designed to building regulation BS5268 part3 and other building standards when connecting timber floor and roof systems to masonry walls. Roll Form Strap is strong but lightweight.	Fix using either no.12x50mm wood screws or 4x75mm corrosion resistant nails.	Edge coated galvanised flat steel to BS2989 or stainless steel type 304 BS1449.

Product	Variations	Sizes	Applications and Design Features	Installation Requirements	Material Specification
"Welded" JOIST HANGER	Built in Return Straddle Face Fix	Joist Widths 38,44,50,63, 75, 100,125 and 150mm Joist Depths 100,125,150, 175, 200,225 and 250mm	For supporting timber joists and structural composite timber from masonry walls. Straddle to comply with fire regulations in party wall applications. Robotically welded to avoid construction defects and galvanised after manufacturer to BS6178, eliminating edge corrosion. Special sizes available.	600mm of cured brick/block work above hanger before loading. All hangers for timbers 150mm deep and above are made 10mm undersized for notching, which provides a flush ceiling line.	2.5mm mild steel BS1449. Hot dipped galvanised to BS729:1971. Stainless steel hangers made to order.
ROOF TRUSS HANGER	Standard Skewed	Joist Widths 38,50,75,100mm Joist Depths 215mm	For supporting Joists and roof trusses directly from masonry walls. Fully welded construction with a considerably higher weight loading over a traditional masonry joist hanger. 11.7kN.	Fix with a minimum of 375mm of brickwork over the top flange use 6 no. 30 x 3.75mm square twist nails in available nail holes.	4mm mild steel BS1449. Hot dipped galvanised to BS729: 1971.

Timber to Timber

Product	Variations	Sizes	Applications and Design Features	Installation Requirements	Material Specification
JIFFY HANGER	Short leg Standard Leg Extended Leg	38, 44, 50, 63, 75, 88, 100, 125 and 150mm	A quick and safe method of joist trimming for light, medium and heavy duty applications such as supporting floor joists, trimming stair wells and underslung joists. Short and standard legs have increased hole centres to spread load over greater area. Extended leg, thicker construction for all heavy duty applications.	Fix using 30 x 3.75mm square twist nails in all available nail holes.	Pre-galvanised mild steel to BS EN 10142 DX51D Z275. Stainless steel hangers made to order.
MINI HANGER	Non Applicable	38mm 44mm 50mm	Support of short span joists, trap hatches and in-fill timbers in roof space. Designed for fast and economical light duty applications.	Fix using 30 x 3.75mm square twist nails in all available nail holes. Fix wall plate with a Sabrefix wall plate strap.	Pre-galvanised mild steel to BS EN 10142 DX51D Z275.
GIRDER TRUSS SHOE	Non Applicable	38, 44, 50, 63, 75 and 100mm	Used to attach and support roof trusses from girders trusses. Higher qualified load performance and increased hole centres to spread load over greater area.	Fix using 30 x 3.75mm square twist nails in all available nail holes.	1.2mm pre-galvanised mild steel to BS EN 10142 DX51D Z275. Or stainless steel made to order.
MONO TRUSS SHOE	Non Applicable	38mm 44mm 50mm	The support of short span, mono or in-fill trusses. Higher qualified load performance safe working load of 4.9kN.	Fix using 30 x 3.75mm square twist nails in all available nail holes.	Pre-galvanised mild steel to BS EN 10142 DX51D Z275.
TRUSS CLIP	Non Applicable	38mm 44mm 50mm	Attaches trusses and rafters to wall plates to provide wind restraint. Avoids skew nailing damage and provides positive resistance to wind forces. Safe working load 2.38kN uplift.	Fix using 30 x 3.75mm square twist nails in all available nail holes. Fix the wall plate with a Sabrefix wall plate strap.	Pre-galvanised mild steel to BS EN 10142 DX51D Z275. Or stainless steel made to order.
UNIVERSAL FRAMING ANCHOR	Universal	76 x 125mm	The most effective and economical method of providing strong, mechanical joints for framing of timbers. The unique bending slot allows instant and accurate onsite bending for all 2 and 3 way ties. The reversible design is ideal for a variety of connections.	Fix using 30 x 3.75mm square twist nails in all available nail holes. Use in pairs to avoid eccentric loading.	Pre-galvanised mild steel to BS EN 10142 DX51D Z275.
GLIDE SHOE	Non Applicable	38, 44, 50, 75, 100, 150 and 200mm	Secures Raised Tie or Scissor Roof Truss to the wall plate. Allowing 26mm of lateral movement to accommodate displacement without comprising its resistance to uplift.	Nail the glide shoe to wall plate, attach the bearing plate to underside of truss bearing area. Use square twist nails in all available nail holes.	Pre-galvanised mild steel to BS EN 10142 DX51D Z275.
GIRDER TO GIRDER HANGER	Standard	78mm G1 102mm G2 123mm G3 153mm G4	These heavy duty truss hangers provide a secure, engineered method of supporting multiple ply girder trusses from vertical truss members, with an efficient transfer of load between roof girders. Fully welded construction with considerably higher weight loading G1 SWL 18kN, G2 SWL 23kN, and G3 and G4 SWL 24kN.	Fix using 3 no. 20mm bolts. (supplied)	3mm mild steel BS1449. Hot dipped galvanised to BS729: 1971.

Timber to Timber

Product	Variations	Sizes	Applications and Design Features	Installation Requirements	Material Specification
MULTI PURPOSE FIXING BAND	Non Applicable	10mtr x 20mm x 1mm 10mtr x 25mm x 1mm 50mtr x 20mm x 1mm	Ideal for general bracing on site. Can be cut, bent and formed with ease for all types of light fixing applications.	Provision to fix using nails, bolts or screws.	1mm pre-galvanised mild steel to BS EN 10142 DX51D Z275.
MULTI TRUSS HANGER	Standard Skewed	320mm 380mm 500mm 620mm	Supports multiple trusses from primary girder, purlin to beam connections and main trimmer joists. Used for joining timber to timber, masonry or concrete. Available in all timber widths. For higher overall load performance.	Provision to fix using nails or bolts.	2mm pre-galvanised mild steel to BS EN 10142 DX51D Z275.
MEDIUM DUTY HANGER	Non Applicable	78mm	Economical mid-range girder to girder hanger suitable for supporting a 2-ply girder to girder application.	Fix using 30 x 3.75mm square twist nails in all available nail holes.	2.5mm mild steel BS1449. Hot dipped galvanised to BS729:1971.
HEAVY DUTY ANGLE BRACKETS	Non Applicable	60 x 60 x 40mm 90 x 90 x 63mm 150 x 90 x 63mm 150 x 150 x 63mm	A multi purpose fixing for most 90 degree connections, ideal for use on site for many substrates. Adjustable, inexpensive and versatile with reinforced ribs for added strength.	Provision to fix using nails, bolts or screws.	2.5mm pre-galvanised mild steel to BS EN 10142 DX51D Z275.
HAND NAIL PLATE	Non Applicable	75, 100 and 150mm widths x any length in 50mm increments	A nail plate system for manual use which enables the construction of timber structures on site to strengthen joints for non structural applications. Automated construction ensures uniform hole positions.	Fix plates on each side of the timber joint. Fix using 30 x 3.75mm square twist nails in all available nail holes.	1mm pre-galvanised mild steel to BS EN 10142 DX51D Z275.
HERRINGBONE STRUT	Non Applicable	400mm 450mm 600mm	Lateral support between timber floor joists. Giving superior bracing over unreliable, slow and costly timber noggins.	Fix using 30 x 3.75mm square twist nails in all available nail holes.	1mm pre-galvanised mild steel to BS EN 10142 DX51D Z275.
SQUARE PLATE WASHER	M10 M12 Holes	50 x 50mm	Use under bolt head and tail nut. Spreads the load of bolt head around the hole. Avoiding fretting and timber damage.	Use appropriate bolt M10 / M12.	3mm pre-galvanised mild steel to BS EN 10142 DX51D Z275 or HR4 Self Colour mild steel.
DOUBLE SIDED TIMBER CONNECTOR	Non Applicable	50mm	For all applications to enhance bolt performance by reducing timber rotation and joint movement.	Place between timbers on an M12 bolt prior to tightening.	1mm pre-galvanised mild steel to BS EN 10142 DX51D Z275.
SPLICE PLATE	Non Applicable	350 x 97mm with 13mm lip	For butt jointing timbers of a similar cross section with no need to drill and screw which causes weak points.	Fix one plate on each corner. Fix using 30 x 3.75mm square twist nails in all available nail holes.	1mm pre-galvanised mild steel to BS EN 10142 DX51D Z275.

Timber Frame

Product	Variations	Sizes	Applications and Design Features	Installation Requirements	Material Specification
TIMBER FRAME TIE	Universal	Accommodates 50 to 75mm cavities	A truly flexible tie which passes DD140 (parts 1+2) without compromising its integrity. Secures brick and blockwork cladding to the timber frame structures up to and including 4 stories.	Fix using stainless steel annular ring shank nail (supplied). <i>Tested by Sheffield University Department of Civil and Structural Engineering to DD140</i>	Grade 304 Austenitic stainless steel.
EXTENDED CAVITY WALL TIE	50mm up to 125mm cavity	195, 220, 245 and 270mm	The Tim Tie is designed to provide a stress free connection between masonry cladding and timber frame for the larger cavity.	Easily installed through the insulation in to the stud using the correct tim tool. (also available).	Grade 304 Austenitic stainless steel.
OVERFASCIA VENT	Black White	10mm x 25mtr pack	Designed to ensure a positive pass of airflow into the roof space between the felt and fascia board.	Fit on top of fascia board.	Polypropylene.
SOLE PLATE ANGLE	Non Applicable	100x50x100mm 112x38x100mm	A positive fixing method for locating the timber sole plate to concrete floor slabs using masonry fixings, without penetrating the DPC.	Shotfire into slab. Sole plate placed on top and secured via upstand with square twist nails.	1mm pre-galvanised mild steel to BS EN 10142 DX51D Z275.

Timber Frame

Product	Variations	Sizes	Applications and Design Features	Installation Requirements	Material Specification
TIMBER FRAME ANCHOR STRAP	Irish - spec' UK - spec'	600mm O/A 900mm O/A	Vertical restraint strap used in the Timber Frame Industry to tie the inner timber frame to the outer skin. Incorporates a 50mm "crank" to bridge the cavity.	Fix using stainless steel or galvanised nails.	Pre-galvanised mild steel to BS EN 10142 DX51D Z275. Or stainless steel grade 304.
CONTINUOUS SOFFIT STRIP	White Brown Black	10mm x 24mtr (48mtr pack)	Designed to provide a solution to ventilation where a traditional fascia board is specified. For use with 4 - 12mm soffit boards.	Use stainless steel white topped nails.	Extruded PVC.
UNIVERSAL 'Z' CLIP	Non Applicable	35mm 38mm	Effective interlocking design for securing flat noggins between joists or trusses. For use with all types of joists.	Fix using nails or screws.	1mm pre-galvanised mild steel to BS EN 10142 DX51D Z275.
TYVEK "FRAMEWRAP"	Grey, Red Green Orange and Blue	2.7mtr x 100mtr Roll	A water repellent breather membrane installed onto the outer skin of timber frames giving a water tight seal without risk of condensation.	Fix using nails or staples on to the timber frame.	Heavy duty polypropylene.

Product	Variations	Sizes	Applications and Design Features	Installation Requirements	Material Specification
 FENCE SPIKE	Non Applicable	50 x 50mm 75 x 75mm 100 x 100mm	For securing fence posts into the ground.	Drive spike into ground using 'Drive In' Tool.	Galvanised and powder coated steel.
 FENCE BOLT DOWN	Non Applicable	50 x 50mm 75 x 75mm 100 x 100mm	For securing fence posts onto existing hard solid surfaces i.e., concrete.	Bolt down using the appropriate masonry fixings.	Galvanised and powder coated steel.
 FENCE REPAIR SPIKE	Non Applicable	75 x 75mm	Fits around a broken post removing the need to dig out the broken or defective post.	Drive spike into ground using 'Drive In' Tool.	Galvanised and powder coated steel.
 CONCRETE IN	Non Applicable	75 x 75mm 100 x 100mm	Embed in to a concrete base, ideal for posts carrying excessive weight.	Concrete in.	Galvanised and powder coated steel.

Plasterers Products

Product	Variations	Sizes	Applications and Design Features	Installation Requirements	Material Specification
 ANGLE BEAD	45 or 53mm Flange	2.4mtr and 3.0mtr	Strong and resilient bead designed for 2 and 3 coat applications. For a true, strong and straight external corner.	Plaster dab or galvanised nails.	Galvanised mild steel to BS EN10142 DX51 D Z275 or stainless steel BD EN 10088-2-1 4301.
 STOP BEAD	10mm 13mm 16mm 19mm	2.4mtr and 3.0mtr	Provides clean, neat edges to 2 coat plaster and render work at openings or abutments onto other wall or ceiling finishes.	Plaster dab or galvanised nails.	Galvanised mild steel to BS EN10142 DX51 D Z275 or stainless steel BD EN 10088-2-1 4301.
 MINI MESH	25mm Flange	2.4mtr and 3.0mtr	For single coat plaster applications including dry wall, block and slab work. Provides excellent adhesion and reinforcement.	Plaster dab or galvanised nails.	Galvanised mild steel to BS EN 10142 DX51D Z275.
 PLASTER EDGE BEAD	10mm 13mm	3.0mtr	Used to reinforce plasterboard edges with the perforated flange fixed flush to the board face prior to the final skim coat.	Push on to edge of plasterboard for grip fit.	Galvanised mild steel to BS EN 10142 DX51D Z275.
 EXTERNAL RENDER STOP BEAD	Non Applicable	2.4mtr and 3.0mtr	Used to obtain a neat bellcast edge to external finishes. Gives good protection to masonry to run off water.	Fix with galvanised masonry nails.	Galvanised mild steel to BS EN10142 DX51 D Z275 or stainless steel BD EN 10088-2-1 4301.
 MOVEMENT BEAD	10mm 13mm 16mm 19mm	3.0mtr	This bead allows + /- 3mm of movement between adjoining surface finishes resulting from differential expansion or settlement.	Plaster dab or galvanised nails.	Galvanised mild steel to BS EN10142 DX51 D Z275 or stainless steel BD EN 10088-2-1 4301.

Brick Ties

Product	Variations	Sizes	Applications and Design Features	Installation Requirements	Material Specification
 VE4 HOUSING TIE LIGHT DUTY	Non Applicable	200mm 225mm	Place across cavity and tie two skins by embedding in mortar. Can be used either way up.	Embed in mortar. 200mm for 50 - 75mm cavity 225mm for 76 - 100mm cavity	Stainless steel. BBA & NHBC Approved.
 V01 BUTTERFLY TIE MEDIUM DUTY	Non Applicable	200mm 225mm 250mm	Place across cavity and tie two skins by embedding in mortar. Includes twist to allow moisture to drip off.	Embed in mortar. 200mm for 50 - 75mm cavity 225mm for 76 - 100mm cavity 250mm for 76 - 120mm cavity	Stainless steel. BBA & NHBC Approved.
 V26 DOUBLE TRI TIE MEDIUM DUTY	Non Applicable	200mm 225mm 250mm	Place across cavity and tie two skins by embedding in mortar. Includes drip to allow moisture to run off.	Embed in mortar. 200mm for 50 - 75mm cavity 225mm for 76 - 100mm cavity 250mm for 76 - 120mm cavity	Stainless steel. BBA & NHBC Approved.

Ancillary

Product	Variations	Sizes	Applications and Design Features	Installation Requirements	Material Specification
 HIP IRON	Baby Standard	3mm 4mm 5mm	Screwed to rafter and embedded in mortar at base of hip to prevent ridge tiles from slipping off.	Fix using nails or screws.	Edge coated galvanised flat mild steel to BS2989.
 WATER BAR	1mtr to 4mtr Lengths	30 x 2.5mm 30 x 5mm	Insert in routed groove of door step to prevent ingress of water.	Push in.	Edge coated galvanised flat mild steel to BS2989.
 GALLOWS BRACKET	Galvanised Painted	490 x 375 x 40mm 375 x 375 x 40mm	Support bracket for removing internal chimney breast.	Chop into wall, secure with rawl bolts. Use lintel between bracket.	Post manufacture galvanised mild steel to BS EN 1042 DX51D Z275.
 DIAMOND BLADES	Bore 16mm 20mm 22mm 25mm	Diameter 105, 115, 125, 180, 230, 300, 350mm	For cutting stone, concrete, asphalt and ceramic tile.	See manufacturers instructions.	Laser welded disc.

Product	Variations	Sizes	Applications and Design Features	Installation Requirements	Material Specification
 FENCE PANEL 'U' CLIP	Non Applicable	47mm 52mm	To secure fence panels to wooden posts.	Fix using nails or screws.	1.2mm pre-galvanised mild steel to BS EN 10142 DX51D Z275.
 ARRIS RAIL BRACKET	Non Applicable	300mm	To repair fencing by securing the arris rail back to the post.	Fix using nails or screws.	1mm pre-galvanised mild steel to BS EN 10142 DX51D Z275.
 FENCE DRIVE IN TOOL	Non Applicable	75 x 75mm	For driving fence or repair spike into the ground, preventing damage to spike.	Non Applicable.	Polypropylene.
 FENCE POST CAP	Non Applicable	75 x 75mm	Prevents water damage to top of post.	Fix using nails or screws.	Polypropylene.

Plasterers Products

Product	Variations	Sizes	Applications and Design Features	Installation Requirements	Material Specification
 PERFORATED THIN COAT BEAD	Non Applicable	2.4mtr and 3.0mtr	Designed for standard single coat plasterwork. The internal angle is accurately manufactured to 80 degrees providing a plaster depth of 3 or 6mm.	Plaster dab or galvanised nails.	Galvanised mild steel to BS EN 10142 DX51D Z275.
 DRY WALL STOP BEAD	Non Applicable	2.4mtr x 3mm 3.0mtr x 3mm	Designed for thin coat edge protection at openings and providing a buttment of plasterboard areas to other wall finishes.	Plaster dab or galvanised nails.	Galvanised mild steel to BS EN 10142 DX51D Z275.
 EXPANDED METAL LATH	Non Applicable	2500 x 700mm	A key for plaster and render. Suitable for encasing columns and beams. Aid to fire protection. Suitable for suspended ceilings and partitions giving superior joint and crack reinforcement.	Render dab or galvanised nails. Hold sheets together with galvanised wire.	Galvanised mild steel to BS EN10142 DX51D Z275 or stainless steel BD EN 10088-2-1 4301.
 RIB LATH	Non Applicable	2500 x 700mm	Stiffened by longitudinal ribs ideal for suspended ceilings and partitions providing a suitable key for render and plaster. Gives a uniform coat depth for large areas.	Render dab or galvanised nails. Hold sheets together with galvanised wire.	Galvanised mild steel to BS EN10142 DX51D Z275 or stainless steel BD EN 10088-2-1 4301.
 COIL MESH	Non Applicable	64, 114, 178, 229 and 305mm x 20mtr roll	Used primarily as anti-cracking reinforcement in the construction of brick and block masonry.	Fix into mortar between brick courses leaving 25mm clearance from face of brickwork. All joints require an overlap of at least 75mm.	Galvanised mild steel to BS EN10142 DX51D Z275 or stainless steel BD EN 10088-2-1 4301.
 ARCH FORMERS	Non Applicable	750mm 800mm 900mm 1200mm	A quick, convenient and versatile way to create non-loadbearing, perfectly formed arches. For internal use only.	Fix using masonry nails. (supplied)	Galvanised mild steel to BS EN10142 DX51D Z275.

Brick Ties

Product	Variations	Sizes	Applications and Design Features	Installation Requirements	Material Specification
 SAFETY FRAME CRAMP	Safe end	100 x 50mm 150 x 50mm 200 x 50mm	To tie timber door/window frames to adjacent brickwork.	Fix using nails or screws to timber and embed safe end in mortar.	2mm pre-galvanised mild steel to BS EN10142 DX51D Z275.
 INSULATION RETAINING DISC	Universal	80mm dia	Pushes onto tie to retain cavity insulation.	Cavity wall tie.	Polypropylene.
 "SCREW IN" FRAME TIE	Non Applicable	Non Applicable	To tie timber door/window frames to adjacent brickwork.	Fix by screwing to timber and embed end in mortar.	Plated mild steel.

Ancillary

Product	Variations	Sizes	Applications and Design Features	Installation Requirements	Material Specification
 WALL STARTER KIT	Stainless steel Galvanised	2.4mtr per pack	To tie in new masonry walls from 60mm to 250mm wide and up to 3 storeys high. Eliminates any problems with matching brickwork courses and allows for foundation movement.	Fix with plugs and screws. (supplied)	Galvanised mild steel or 22 gauges Grade 304 stainless steel.
 ACCESS COVERS	Manhole cover Block paviour	600 x 450mm	Access cover for 2.5, 5 and 10 tonne loads. Block paviour for 65 and 90mm blocks.	On suitable manhole surround.	Galvanised mild steel.
 PROTECTA PLATE	Non Applicable	45 x 90mm	Install over the utilities passing through timber studs. Prevents piercing water pipes or electrical cables with nails/screws.	Unique integral metal teeth press into timber. No nails required.	1mm pre-galvanised mild steel to BS EN 10142 DX51D Z275.
 SQUARE TWISTED NAILS	1.25kg bag 2.5kg bag 25kg box	30 x 3.75mm	For fixing hangers, restraint straps, nail plate etc. giving a secure fix as they twist into the timber.	Hammer into place.	Sheradised steel.

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