

Masonry & Brickwork

Type 1 Cavity Wall Tie

Type 1 stainless steel Tie (Masonry Heavy Duty). The Type 1 tie is suitable for cavities from 50mm to 225mm and can be used for all types of buildings of any height, anywhere in the British Isles. The section spanning the cavity has a number of kinks to allow water to drip.

Sizes

200mm
225mm
250mm
300mm



Type 2 Cavity Wall Tie

Type 2 General Purpose Tie offers a practical and cost effective solution for masonry cavity walls in domestic houses and small commercial buildings of up to a maximum 15m in height. Fully tested to BS EN 846-5: 2000. The ties meet the requirements of BS EN 845-1:

Sizes

200mm
225mm
250mm
300mm



Type 4 Cavity Wall Tie

Type 4 wall tie for use in the external walls of houses and small commercial developments up to 10 metres in height. It is also a Type 1 tie for internal separating walls of buildings of any height. Suitable for 76-100mm cavity width. Includes multi drip feature to prevent moisture travelling across the cavity.

Sizes

200mm
225mm
250mm
275mm



Double Triangle Cavity Wall Tie

Traditional double triangular wall tie with multi-drip Designed to prevent moisture travelling across the cavity. (To suit cavity 76mm to 100mm) Place across the cavity and tie the two skins by embedding in mortar Stainless steel for corrosion resistance.

Sizes

200mm
225mm
250mm
300mm



Insulation Retaining Disc

The universal Insulation Retaining Discs are designed to fit all cavity wall ties and when fixed secure insulation to the inner leaf of the construction.



Timber Frame Cramps

Timber frame wall tie system with multiple drip points. Ties a timber frame wall to a brick or masonry facade on new build and retrofit projects

Size

50mm
75mm
100mm



Safety Ended Frame Cramps

Stainless steel, safety ended frame cramp used to join masonry to concrete or steel frames.

Other sizes available on request.

Size

75mm
100mm
125mm
200mm
250mm



Safety Ended Frame Cramp with Drip

Stainless steel, safety ended frame cramp used to join masonry to concrete or steel frames that includes a drip to prevent the passage of water.

Other sizes available on request.

Size

75mm
100mm
125mm
200mm
250mm



Safety Plain Ended Ties

These products are designed to provide restraint in one direction and movement to allow for horizontal expansion and contraction.

Size

200mm
225mm
250mm



Debonding Sleeve

The Debonding Sleeve is located over the embedment detail to allow the tie to move. Typical usages are in areas where masonry is restrained to Steelwork columns and in long spans of brickwork where movement joints are required.

Size

150 x 20mm



Sliding Anchors

Sliding anchors have 25 x 5 mm stems and are designed to fit within the cavity using one way or two way safety ties, that slide to accommodate vertical movement when restraining cavity walls to overhead structures. Available in several different head options.



Sliding Anchor Ties

Sliding Anchor tie for bedding into masonry both internally and externally.

Size



Head Restraints

Head Restraint is designed to restrain the top of the inner leaf of cavity walls. This will allow vertical movement between the inner leaf and the structure by using a rectangular sleeve which sits in the vertical joint and a top section bolted to the soffit which may slide within the sleeve.



Bricktie Channel 25/14

The TecTies 25/14 Channel System is designed to tie brickwork to steel columns or concrete structures. The channel has fixing holes for stainless steel screws and it is recommended that they are positioned at 450mm vertical centres. Available in standard lengths of 2700mm.



Channel Ties

Channel Ties are supplied in standard length projections complete with V Drip. Recommend minimum embedment of 62.5mm into masonry.

Size

- 100mm
- 125mm
- 150mm
- 175mm
- 200mm



Wall Starters

Wall starters have turn and slide style ties for ease of use.

- Available in stainless steel.
- Suitable for wall thicknesses up to 250mm.
- Package includes two lengths of 1.2 metres complete with suitable fixings.



Expanded Metal Brick Reinforcement

This product is designed to provide tensile strength to brickwork to prevent cracking in non structural applications. Supplied in 20m coils and various withs to accommodate most sizes of brick and block.

Sizes

- 63mm
- 100mm
- 175mm
- 225mm
- 305mm



Masonry Reinforcement

Masonry Reinforcement, also known as, Bed Joint Reinforcement is primarily used to strengthen a wall, and can be used on both inner and outer walls. Stainless Steel is suited to a range of uses including outdoors, whereas Galvanised is more suited to inner walls. Masonry Reinforcement aids with cracking within walls and structures, as well as providing general support. Supplies in 2.7m lengths and various widths to suit most brick and block sizes and wire thicknesses for varying strength requirements.

Sizes

60mm
100mm
150mm
175mm



Damp Proof Course

We stock a range of damp proof courses which include Polythene, Polymeric and pitch polymer. Available in various widths to suit all manner of applications.

Other sizes available on request.

Sizes

100mm
150mm
225mm
300mm
450mm
600mm
750mm
900mm



Cavity Closers

Designed to close off the cavity around window and door reveals without the need for a return block and where a fire rating of up to one hour is required. It prevents cold bridging and eliminates moisture, mould and staining from around windows and doors. The 2.4m lengths are manufactured from a rigid PVCu profile that is insulated with non-combustible rockfibre mineral wool which provides fire, thermal and acoustic properties as well as being ODP and GWP zero rated.

Sizes

50mm
65mm
75mm
85mm
90mm
95mm
100mm
110mm
125mm
135mm
150mm



Multi-Closer

Economical and universal cavity closers to close the cavity at external doors, window jambs and sills to provide thermal insulation and prevent damp and cold bridging. Rigid and lightweight UPVC profiles fitted with expanded Polystyrene insulation material (0.038W/mk) LABC Registered Detail status provides the assurance that this range has been rigorously assessed for compliance with all relevant building regulations and standards across England, Wales and Scotland. Available to suit cavity widths from 50 to 300mm. The multi cavity width closers are the solution for projects with unknown or varying cavity widths:

Sizes

50 to 300mm



Cavity Weep Vent 1143

A full size wall weep vent, which corresponds with the height of standard brick, block and stonework. Free airflow area of 165mm² per unit. Featuring an integral front grille to prevent the entry of large nest building insects into the cavity. Available in seven standard colours: Buff, Brown, Grey, Terracotta, Clear, White & Black.



Concealed Weep Vent TW1

A low profile 'discreet' wall weep, which provides a much smaller opening on the face of the wall for an improved aesthetic appearance. 4mm wide front aperture protects the cavity from large nest building insects. Available in seven standard colours as in 1143.



Telescopic Air Vent

Telescopic (adjustable) underfloor ventilator to provide ventilation beneath suspended ground floors (equivalent area of 6000mm²).



Airebrick Ventilators

An effective, robust and durable airebrick ventilator presenting a equivalent area of 6170mm² (free area of 6500mm²) . Ideal for underfloor or room ventilation applications when used with the Timloc telescopic underfloor vent or cavity sleeve. Available in buff, grey, terracotta, white, brown and black.



Helical Wall Ties System

Helical Remedial Crack Stitching Bars stainless steel and helical in shape, which makes it twice the strength of a rebar, four times that of an epoxy glass-fibre rod and seven times that of a flat twisted plate. The Helical bars are bonded into place using a cementitious masonry repair grout.



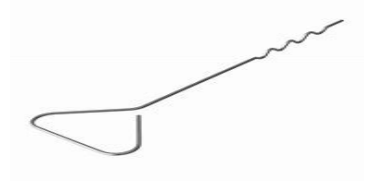
Remedial Wall Ties

The inner neoprene spreader has oversized ridges to create an immediate grip on the wall of the hole removing the reliance on the knurled nut to hold whilst the inner section of the tie is expanded.



Remedial Wall Ties

The product is situated by removing a brick from the outer leaf, drilling into the inner leaf and using resin bond adhesive to fix the tie.



Bluebird Wall Starter Tie

Stainless Steel Bluebird Starter Ties are designed to connect new walls to existing walls by drilling into the existing brickwork at an angle every third course, inserting a plug and screwing the tie in fully.



PANTHER
Construction
Products