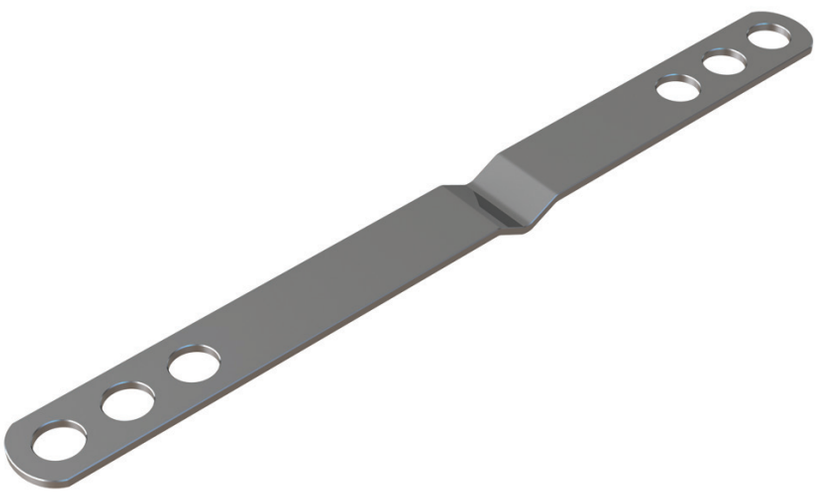
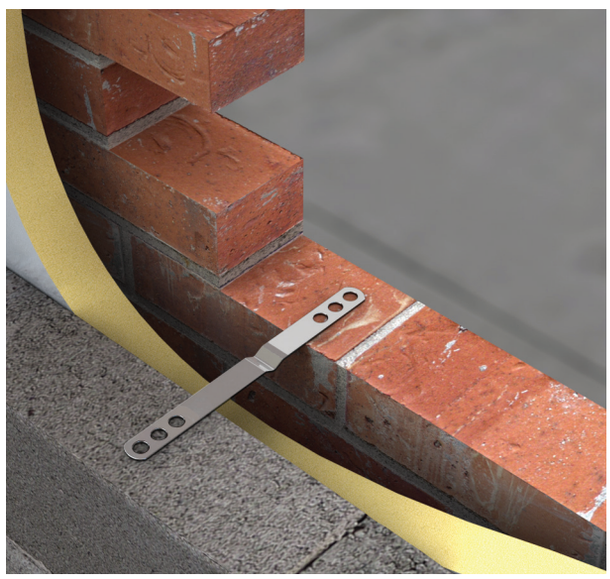
Heavy Duty Dripped Safety Tie

Masonry to Masonry Wall Ties

These products act to secure two leaves of a cavity wall to each other, allowing them to act as one structurally. A cavity tie usually incorporates some mechanism, (usually a change of shape) to discourage moisture moving across the tie. Most cavity ties are available with a dedicated clip to secure insulation (usually in sheet form) within the cavity.





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Drip feature to prevent moisture travelling across the cavity (taking less space than vertical twist). Drip position 90mm from safety end as standard.

250mm long stainless steel Wall Ties, were tested in tension and compression over a nominal cavity width of 125mm in accordance with BS EN 846-6 Methods of Test for Ancillary Components for Masonry. Part 5; Determination of tensile and compressive load capacity and load displacement characteristics of wall ties (Couplet test).

Test Results
Summary of Declared Values of 250mm long ties tested in tension and compression at a standard cavity width of 125mm.

Part E - Type B ties for external walls where a Type A tie is not suitable
These ties must either be double triangle tie to BS1243 (only used in 50mm-75mm cavities) or ties with a measured dynamic stiffness of <113MN/m³ taking both cavity width and tie density into account. Independant tests have proved that the Heavy Duty Flat Safety Tie has a measured dynamic stiffness of <113MN/m³ in a 100mm cavity and is therefore more than suitable for external walls at a standard density of 2.5 per square metre.

Load Direction	Maximum Declared Value at Ultimate Load (N)
250mm Long Tie @ 125mm Cavity	
Tension	> 5000
Compression	> 5000

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