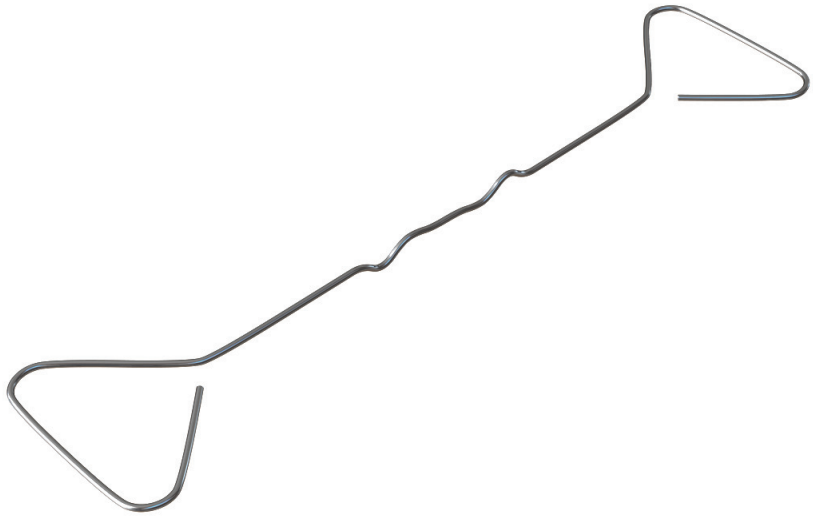
V26 Traditional Double Triangle

Data Sheet
007

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.



Product

V26 Traditional Double Triangle Wall Tie

Traditional Double Triangle shaped wall tie previously to BS1243. Multidrip feature to prevent moisture travelling across the cavity. Design means the tie can be installed either way up.

250mm & 300mm long stainless steel Wall Ties supplied by Vista Engineering Limited, were tested in tension and compression over a nominal cavity width of 125mm & 150mm respectively 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).

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/m^3 taking both cavity width and tie density into account. Tests at Ceram Building Technology have proved that the Vista V26 Double Triangle Wall Tie has a measured dynamic stiffness of <113MN/m^3 in a 100mm cavity and is therefore more than suitable for external walls at a standard density of 2.5 per square metre.

Test Results

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

Load Direction	Maximum Declared Value at Ultimate Load (N)
300mm Long Tie @ 150mm Cavity	
Tension	2076
Compression	1012
250mm Long Tie @ 125mm Cavity	
Tension	2666
Compression	1702

Head Office: Vista Engineering Limited, Carr Brook Works, Elnor Lane, Whaley Bridge, High Peak SK23 7JN
Tel: Sales: +44 (0) 1663 736700 Fax: +44 (0) 1663 736710
Scotland Office: Vista Engineering Limited, 16 Baronald Street, Rutherglen, Glasgow G73 1AH
Tel: +44 (0) 141 613 3144 Fax: +44 (0) 141 613 3031
web: www.vistaeng.co.uk email: sales@vistaeng.co.uk