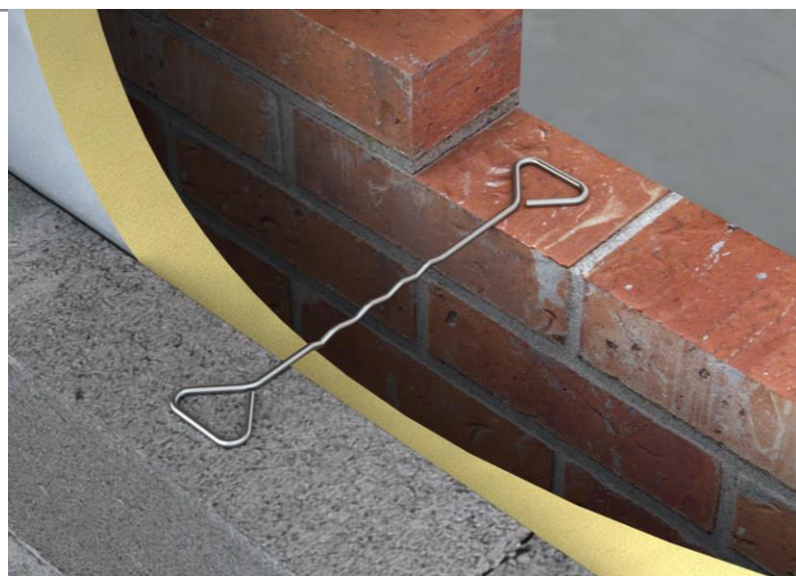


Masonry to Masonry Wall Ties

These products act to secure two leaves of a cavity wall to each other, allowing them to act as one structurally. They incorporate a multidrip feature to discourage moisture moving across the tie. Available with a dedicated clip to secure insulation (usually in sheet form) within the cavity.



Product

V26 Traditional Double Triangle

Multidrip feature prevents moisture travelling across the cavity. It can be installed either way up. V26 150mm & 250mm are Type 2 ties, meaning they have maximum building height of 15m and are suitable for flat sites where the basic wind speed is up to 31m/s and altitude is not >150m above sea level. V26 275mm & 300mm are Type 3 and are suitable for flat sites where the basic wind speed does not exceed 27m/s altitude is not >150m above sea level.

Size	Cavity Width
150mm	0mm
250mm	101-125mm
275mm	126-150mm
300mm	151-175mm

These ties must have a measured dynamic stiffness of <math><113\text{MN/m}^3</math> taking both cavity width and tie density into account. Tests at Ceram Building Technology have proved that the Vista V26 General Purpose Tie has a measured dynamic stiffness of 12.5MN/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 & 275mm long ties tested in tension and compression at a standard cavity width of 150mm & 175mm 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).

Load Direction	Maximum Declared Value at Ultimate load (N)
300mm	
Tension	2076
Compression	730
275mm	
Tension	2076
Compression	790
250mm	
Tension	2415
Compression	1652