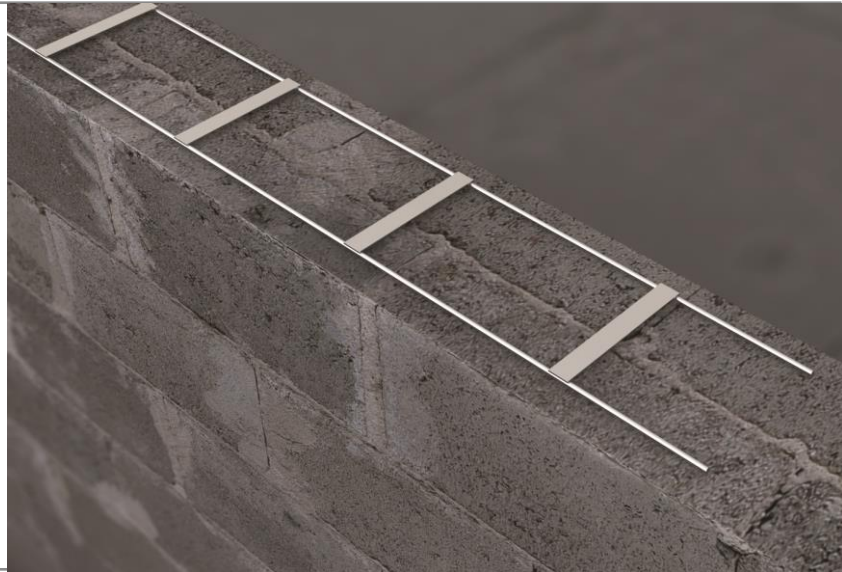
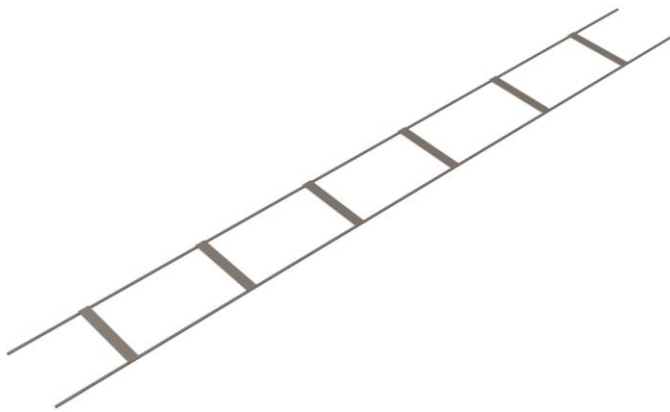


## Brickwork Reinforcement

This type of product increases the rigidity of masonry panels by introducing steel into the bed joint of the wall, either to merely resist cracking or in a more structural sense.



### Product

#### VTS Vista Tie Span

Vista Tie Span Type 1 has been designed for use in double-leaf collar joint walls, and can reduce the problems on site with heavy blocks. Using 2 x 100mm blocks tied together with Tie Span Type 1 to replace a 215mm block. This method of construction also gives the wall a 6 hour fire rating. Tie Span Type 1 is manufactured from stainless or galvanised steel with 4mm or 3.5mm main longitudinal wires with 19mm flat cross ties. Each length is 2,700m long x 175mm wide.

BS5628 part 2 recommends that Stainless Steel material should be used on an external wall, including the inner leaf of a cavity wall.

### Performance

VTS Vista Tie Span	
Standard Length	2700mm
Standard Width	175mm
Longitudinal Wire Size	3.6mm
Cross Pieces	19mm x 2.0mm
Pitch of Cross Wires	5.6mm

Mechanical Properties of Longitudinal Wires	
Characteristics Yield Stress (0.2% proof stress)	500 N/mm <sup>2</sup> (minimum)
Bond Strength	15% greater than yield strength

#### Safety Precautions

VTS Vista Tie Span is manufactured from sheared plate and strip so may contain sharp edges. Suitable personal protection should always be used when handling/installing these products.