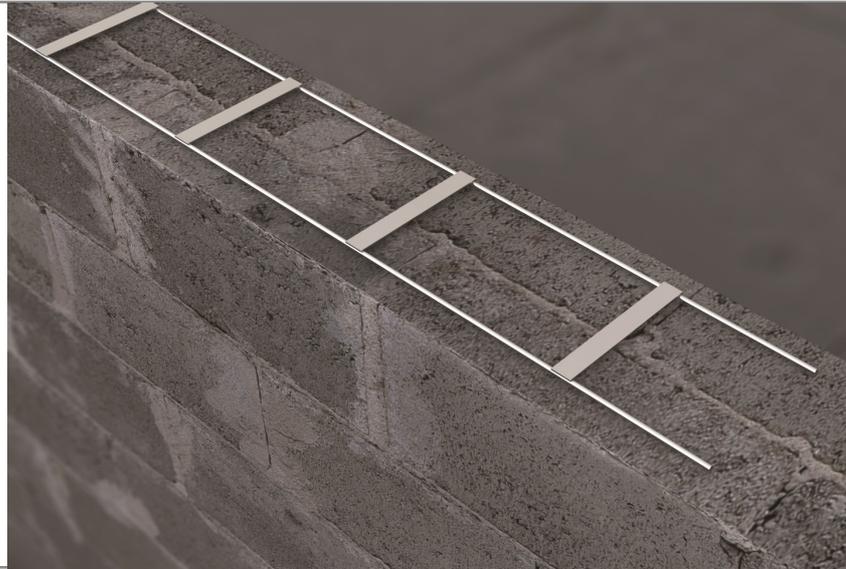
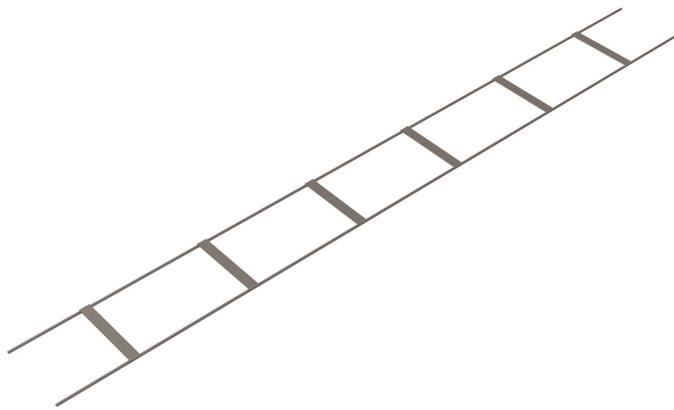


Brickwork Reinforcement

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/mm² (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.