

Timber Frame Tie

This product is specifically designed to secure an inner timber frame to an outer brick skin. The main property of these ties is that they can absorb substantial vertical movement between the brick and timber while still performing their structural function.



Product

V61 Timber Frame Tie

Stainless steel masonry-timber tie for 50-100mm cavities in up to 4 storey timber frame buildings. Accommodates vertical movement. Tested as type B (sound) and type 6 (strength) to BS EN 845-1.

Supplied complete with 50mm x 3.35mm Stainless Steel Annular Ring Nails. Also available with 50mm x 4.0mm Stainless Steel Screws for SIPS panels.

Test Results

V61 Timber Frame Tie	125mm (50mm cavity)	150mm (75mm cavity)	175mm (100mm cavity)
Tensile Load (As Received) Timber End	633N	660N	660N
Compression Load (As Received) Timber End	531N	639N	597N
Tensile Load (24mm Movement) Timber End	663N	663N	675N
Compressive Load (24mm Movement) Timber End	450N	449N	549N
Tensile Load Mortar End	1466N	1466N	1786N
Compressive Load Mortar End	604N	604N	968N

Safety Precautions

V61 Timber Frame Ties are manufactured from sheared plate and strip so may contain sharp edges. Suitable personal protection should always be used when handling/installing these products.