

GT-TFT - Timber Frame Tie

Datasheet

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Masonry to Timber Wall Ties

Grayson GT-TFT is engineered to fix an inner timber frame to an outer brick façade. The key property of these ties is the ability to absorb significant vertical movement between the brick and timber while still maintaining their structural function.

Product

Stainless steel masonry-to-timber tie designed for 50–100mm cavities in timber-frame buildings up to four storeys. Allows for vertical movement and is tested to BS EN 845-1 as Type B (sound) and Type 6 (strength). Supplied with 50mm x 3.35mm stainless steel annular ring nails, with an option for 50mm x 4.0mm stainless steel screws for use with SIPS panels.



Test Results

CODE	GT-TFT-050 (125mm)	GT-TFT-075 (150mm)	GT-TFT-100 (175mm)
Tensile Load (As Received) Timber End	1160N	1190N	1010N
Compression Load (As Received) Timber End	540N	440N	400N
Tensile Load (24mm Movement) Timber End	1010N	1230N	1140N
Compressive Load (24mm Movement) Timber End	560N	780N	400N
Tensile Load Mortar End	1060N	1090N	960N
Compressive Load Mortar End	480N	450N	400N

Safety precautions

GT-TFT Timber Frame Ties are produced from sheared plate and strip materials and may have sharp edges. Always use suitable personal protective equipment (PPE) during handling and installation.

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