

STAINLESS STEEL TIMBER FRAME WALL TIES

The TecTies Timber Frame Wall Ties are manufactured with optimum design criteria to accommodate all types of timber frame structures. They can fix brickwork or blockwork to the timber frame up to a maximum of 4 storeys and 15m in height.

Fully tested to BS EN 846-6:2012. The ties meet the requirements of BS EN 845-1:2013 as a Type 6 tie and meets the technical requirements of NHBC. It is recommended that TecTies Timber Frame Ties are installed at a density of 4.4 ties per square metre in buildings where the basic wind speed does not exceed 25m/s. This density should be increased to 7.0 ties per square metre in more severe situations.

All TecTies cavity wall ties are independently tested at Lucideon, a notified body number 1289 to comply with BS EN 845-1:2013. Underwritten by TZUS – Prague Notified Body Number 1020

TecTies Timber Frame Ties are supplied with stainless steel annular ring shank nails and manufactured in three sizes to suit 50 mm, 75 mm and 100 mm cavity widths.

TTTF50 Tests on 50mm cavity Timber Frame Wall Ties to BS EN845-1:2013

Compressive Load Capacity	560N
Tensile Load Capacity	1349N
Displacement at 1/3 Load - Compression	0.41mm
Displacement at 1/3 Load - Tension	0.21mm

TTTF75 Tests on 75mm cavity Timber Frame Wall Ties to BS EN845-1:2013

Compressive Load Capacity	690N
Tensile Load Capacity	1349N
Displacement at 1/3 Load - Compression	0.55mm
Displacement at 1/3 Load - Tension	0.21mm

TTTF100 Tests on 100mm cavity Timber Frame Wall Ties to BS EN845-1:2013

Compressive Load Capacity	580N
Tensile Load Capacity	1349N
Displacement at 1/3 Load - Compression	0.37mm
Displacement at 1/3 Load - Tension	0.21mm