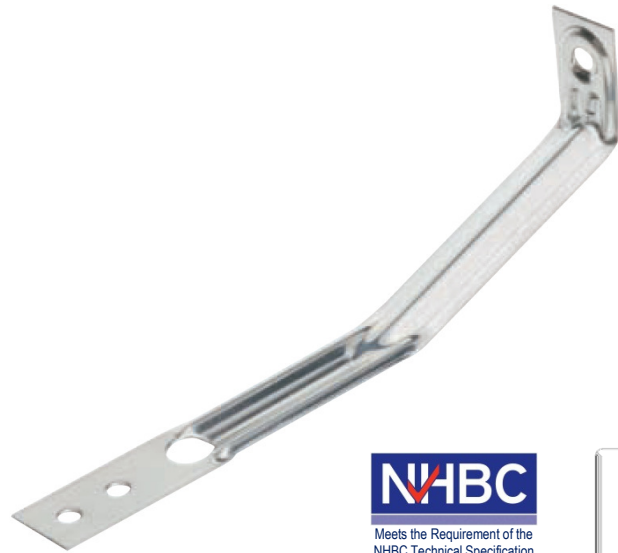


ACS Timber Frame Tie

- ✓ **Masonry to Timber**
- Asymmetrical tie
- ✓ **BS EN 845-1: 2013 Tested**
- Movement Tolerant
- ✓ **Type 6 tie**
- ✓ **Buildings up to 4 storeys & 15m in height**
- ✓ **Austenitic Stainless Steel**
- Material Reference 3
- ✓ **50, 75, & 100mm Cavity**



Technical Data

The ACS Timber Frame Tie is designed to fix brickwork or block-work to timber-framed structures. The tie meets the requirements of BS EN 845-1: 2013 as a type 6 wall tie and is intended for use in the construction of timber-framed buildings up to four storeys and 15m in height. The tie is cranked to simplify correct installation and to prevent moisture from crossing the cavity.

The tie is available in standard lengths to suit cavity widths of 50, 75 and 100mm

Suitable for tying the masonry outer cladding on to softwood structural framework of residential and industrial/commercial buildings. Not suitable for attaching masonry to other materials nor for use in multi-storey structures of more than four stories.

Installation & Best Practice

The tie is suitable for use at a density of 4.4 ties/m² for buildings on flat sites within towns and cities anywhere in the UK, except the north western fringes of Scotland and Ireland (where the basic wind speed exceeds 25 m/sec) and any areas where the site is at an altitude of 150m or more above sea level. In more severe situations the tie density should be increased to 7 ties/m². 3–4 ties/m run at unbonded edges.

The ties are supplied complete with an annular ring shank nail; however, alternative fixings can be supplied upon request.

Load Capacity

Cavity Size (mm)	Tensile Load Capacity (N)	Compressive Load Capacity (N)
50	1349	560
75	1349	690
100	1349	580

The ACS type 6 masonry tie is movement tolerant and the declared loads are valid for a maximum movement of 24mm

Minimum Mortar Class & Designation	Minimum Mortar Joint Width
M2 (iv)	10mm

For further information or technical assistance please contact the ACS Technical Department on 0870 850 0860 or email technical@acsstainless.co.uk

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