

Suits
50mm, 75mm
and 100mm cavities

Staiifix®

Stainless steel wall ties

Timber Frame Tie

Stainless steel wall tie for fixing masonry to
timber frames up to four storeys in height



- ▶ Suitable for use in domestic housing, industrial and commercial developments up to 4 storeys high
- ▶ Meets the requirements of the NHBC, BS EN 845-1, DD140-2 as a Type 6 tie and Part E as a Type B tie
- ▶ Cranked design simplifies accurate installation and accommodates movement
- ▶ Designed to provide excellent mortar key
- ▶ Supplied in boxes of 250 complete with annular ring shank nails



Ancon®
BUILDING PRODUCTS

Staifix Timber Frame Tie

The Staifix Timber Frame Tie is designed to fix brickwork or blockwork to timber-framed structures. It is suitable for use in domestic housing, industrial and commercial developments up to 4 storeys in height. Available in three lengths to suit 50mm, 75mm and 100mm cavities, the Staifix Timber Frame Tie is supplied complete with an annular ring shank nail. The tie is cranked to simplify correct installation and to prevent moisture from crossing the cavity. The design also provides excellent mortar key.

The Staifix Timber Frame Tie meets the requirements of DD140 Part 2 as a Type 6 Tie accommodating the high differential movement, i.e. 18mm, between the structural frame and the outer leaf of masonry in structures over three storeys in height. It also meets the technical requirements of the NHBC and the performance requirements of a Type B tie to Part E of the Building Regulations.

Ties are supplied in boxes of 250 with nails.

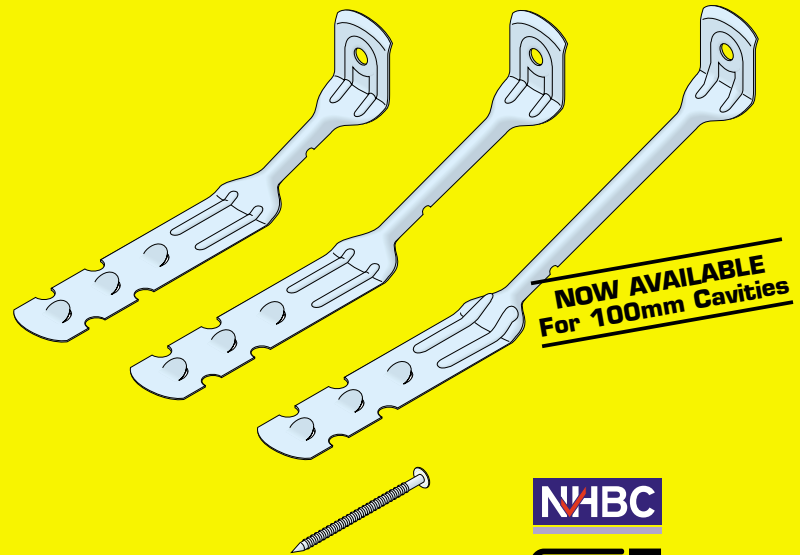


Fig 1

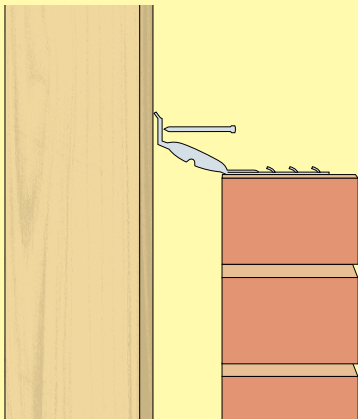


Fig 2

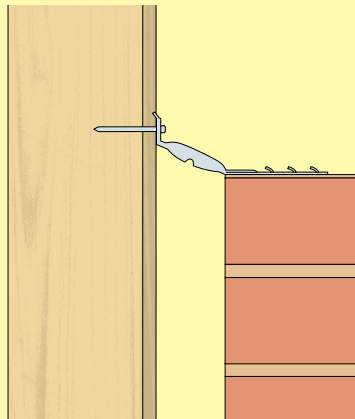
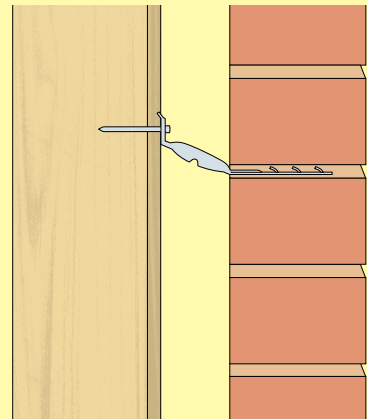


Fig 3



Installation

Fig 1

- Position the tie so the upstand is flush with the timber frame and the other end is located in the bed joint of the outer leaf of masonry.

Fig 2

- Hammer the nail through the hole in the upstand and into the timber.

Fig 3

- Build the tie into the bed joint of the new masonry ensuring it is surrounded by mortar.

Density and Positioning

Staifix Timber Frame Ties should be installed at a density of 4.4 ties per square metre for buildings where the basic wind speed does not exceed 44m/s or in towns and cities where the basic wind speed does not exceed 52m/s. The density should be increased to 7 ties per square metre in more severe situations.

Ties should be evenly distributed over the wall area, except around openings, and should be staggered. At vertical edges of an opening, unreturned or unbonded edges, and vertical expansion joints, additional ties should be incorporated.

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**Specialists in
Masonry Support and Restraint Systems**