

The range continues to

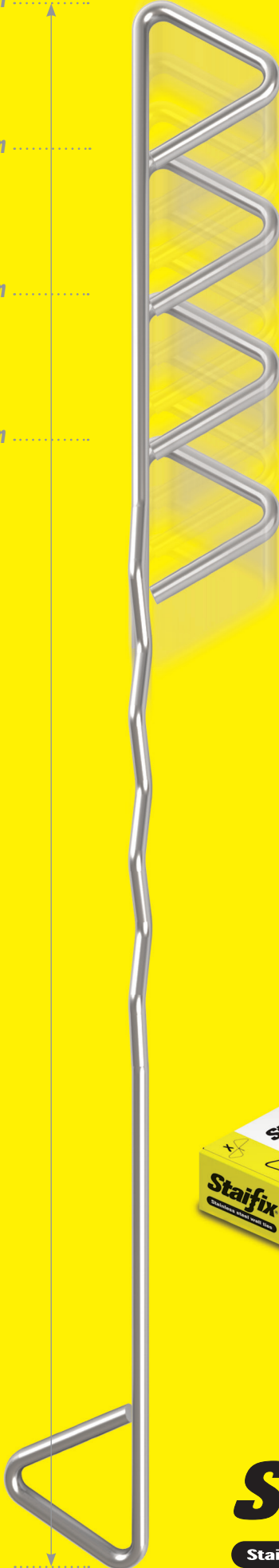
GROW

275mm

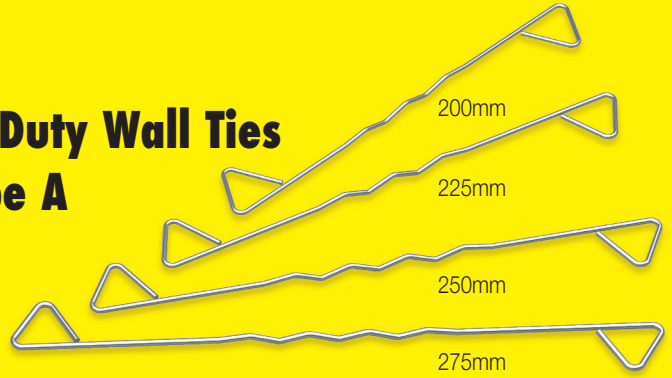
250mm

225mm

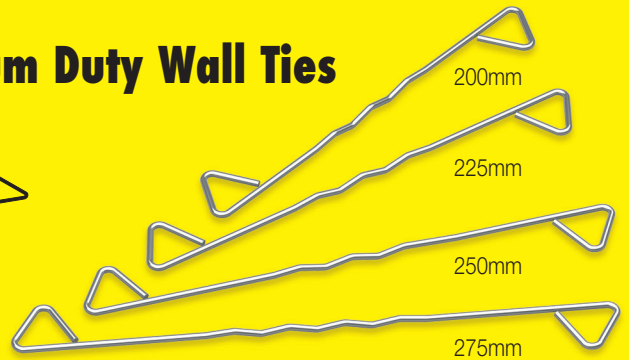
200mm



HRT4 Light Duty Wall Ties Type 4/Type A



RT2 Medium Duty Wall Ties Type 2



Staifix
Stainless steel wall ties

Manufactured by

Ancon

Staifix Cavity Wall Ties

Wall Tie Selection to PD6697 & Approved Document E

Wall ties for use in external cavity walls should be selected by the 'Types' in PD6697. This document classifies wall ties by strength and use.

Wall ties for use in internal separating walls should comply with Approved Document E: Resistance to the passage of sound.

PD6697 Type 4 – Light Duty

Type 4 wall ties are suitable for use in the construction of houses, not greater than 10 metres in height. The Staifix HRT4 is a PD6697 Type 4 tie.

PD6697 Type 2 – Medium Duty

Type 2 wall ties are suitable for use in the construction of residential and commercial developments, not greater than 15 metres in height. The Staifix RT2 is a PD6697 Type 2 tie.

Approved Document E – Type A

Type A wall ties are suitable for use in the internal separating walls of new-build attached dwellings. The Staifix HRT4 is a Type A tie.

Restrictions may apply, see grid below.



Available to suit cavities from 50mm to 150mm

Packaging

Staifix ties are packed in bright, shallow, stackable boxes that simplify handling, storage and display.

The box designs ensure HRT4 and RT2 wall ties are easily distinguishable, both in-store and on-site. This is particularly important to those constructing three storey attached dwellings, where both wall tie types may be required on the same site. RT2 ties are packed in a stripy box, which differs from the solid yellow band on the HRT4 box.



Staifix Wall Tie Selection Grid

Application	Cavity Width (mm)	50-75	76-100	101-125	126-150
Internal separating walls of any height*		HRT4 200mm	HRT4 225mm	HRT4 250mm	HRT4 275mm
External walls of houses not greater than 10 metres**		HRT4 200mm	HRT4 225mm	HRT4 250mm	HRT4 275mm
External walls of residential or small commercial developments not greater than 15 metres**		RT2 200mm	RT2 225mm	RT2 250mm	RT2 275mm

* Restrictions may apply to particularly tall buildings especially in the north western fringes of Scotland and Ireland and/or on exposed coastal sites.

** Flat sites with an altitude of no more than 150m above sea level and where the basic wind speed is up to 31m/s (BS EN 1991-1-4: 2005). For applications outside these parameters please contact your local Staifix stockist or call Ancon on +44 (0)114 238 1238. RT2 ties can be shown to be adequate for most projects through calculation.

Installation Guidance

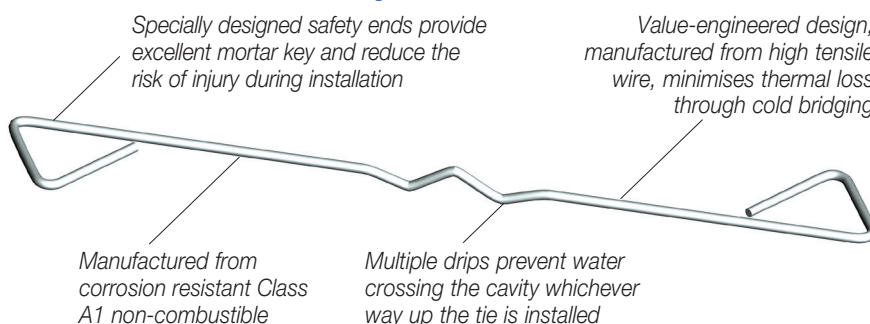
Wall ties should be used at not less than 2.5 per square metre (900mm horizontal and 450mm vertical centres) and preferably staggered over the wall area. This density may be varied by building regulations and should be increased to 3-4 per square metre at openings and unbonded edges.

Wall ties should be installed as the inner leaf is constructed. They should be pressed down in, and then surrounded by, fresh mortar. They should be positioned with a slight fall to the outer leaf. Installed ties should be clear of mortar droppings to allow the drips to function.

RT2 and HRT4 wall ties should achieve a minimum embedment length of 50mm in each leaf. However, Ancon recommends tie lengths which achieve a design embedment of between 62.5mm and 75mm in each leaf, to allow for site tolerance in both cavity width and centring of the ties.

Longer wall ties will be required where cavities are outside the tolerance offered by Ancon and a minimum 50mm embedment cannot be achieved in each leaf.

Features of Staifix Cavity Ties



Manufactured by

Ancon®

Ancon Ltd

President Way, President Park, Sheffield S4 7UR

Tel: +44 (0) 114 238 1238

Email: info@ancon.co.uk

Visit: www.ancon.co.uk