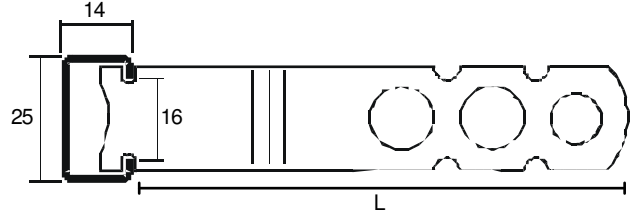


# ANCON SD25 WALL TIES & 25/14 CHANNEL

RESTRAINT SYSTEM FOR TYING BRICKWORK TO STEEL STUDING

The Ancon 25/14 channel system is designed for tying brickwork to steel studing. Self drilling screws fix through the channel and the insulation material, into the steel at 450mm vertical centres.

Ancon SD25 wall ties can be positioned at any point along its length and are built into the bed joints of the outer leaf of brickwork.



**ANCON SD25 Tie & 25/14 CHANNEL**  
25/14 channel will accept all Ancon ties referenced \_\_25

## WALL TIE SPACING

The spacing of ties is based on the height of building and its geographical location. The table below should be used in conjunction with the wind speed map.

### Tie Spacing Based on 25/14 Channel at 600mm Horizontal Centres With Basic Wind Speed < 27m/s

Altitude & Distance from coast	Vertical tie spacing (mm) for various heights of brickwork		
	15m	25m	40m
Altitude up to 150m & at least 50km from coast	450	225	225
Altitude up to 25m and within 50km from coast	450	300	225

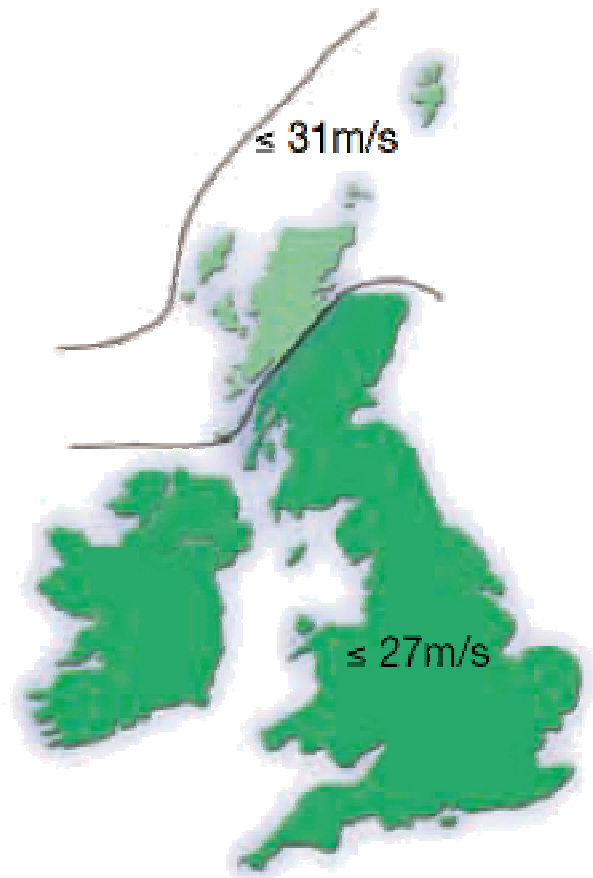
Wind speed information is taken from BS EN 1991-1-4: 2005 for use with PD 6697: 2010 and are for towns and cities.

## WALL TIE EMBEDMENT DEPTH

Ancon recommends that wall ties achieve a minimum embedment of 62.5mm in the outer leaf of brickwork. Applications with a 50mm open cavity require 100mm long ties.

## CORRECT INSTALLATION

Wall ties should be pressed down in, and then surrounded by, fresh mortar. Installed ties should be clear of mortar droppings and the drip part of the tie should point downwards to prevent water from crossing the cavity.



**WIND SPEED MAP**