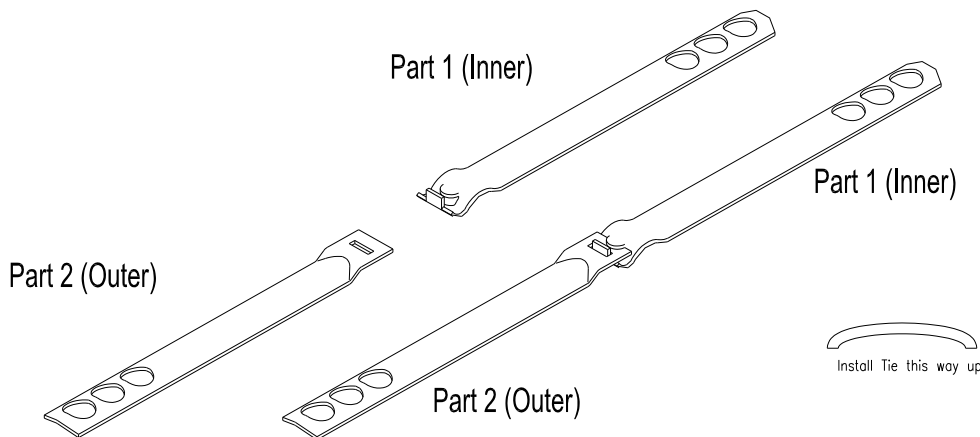


Installation Instructions

Two Part Ties



Cavities over 150mm can be difficult to construct with one piece ties as they over balance when laid on the inner leaf. The Wincro WT2PT Two Part Tie is supplied in two sections, an inner part (175mm or 225mm) is built into the inner leaf and an outer part is positioned as the outer leaf progresses. This method of construction eliminates the extra hazard of long ties, significantly projecting from the inner leaf when one leaf of the cavity wall is constructed prior to the other, potentially harming site personnel.



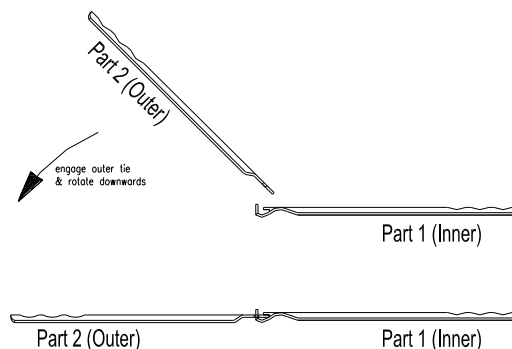
INSTALLATION PROCEDURE

BS 5628-1 states that walls that have leaves 90mm or thicker should include wall ties at not less than 2.5 ties per m². Wincro recommend that WT2PT two part ties are installed at 600mm horizontal and 450mm vertical spacing, staggered in alternate courses. For more information on cavity wall construction and good practice, consult with our data sheet; Installation Instructions – Cavity Wall Ties.

The Wincro WT2PT Two-Part Tie requires an embedment depth of 75mm in each leaf and should be installed within bed joints that will be built at the same level across the cavity. WT2PT can also be used with the WIC Plastic Insulation Retaining Clips in partial fill cavities.

Installation

1. Build Inner Tie (part 1) into bed joint (75mm embedment). Ensure locating nib points upwards.
2. Tie should be installed with the 'U' profile section of the ties inverted (see diagram).
3. Offer Outer Tie (part 2) at 45° to Inner and Engage slot end over locating nib.
4. Hold Inner Tie and rotate Outer Tie downwards until tie locks into place.
5. Both ties should be installed with the 'U' profile section of the ties inverted (see diagram).



Performance

Wincro Two-Part Ties exceeds the requirements of BSEN845-1 and PD6697 as a Type 2 tie for cavities up to 350mm. They can be used for larger cavities providing the fixing centres are adjusted to suit – Contact Wincro Technical on 0114 242 2171 for further advice.

GENERAL

All Wincro products are produced from Type 1.4301 (304) Stainless Steel u.n.o. and are generally produced from sheared plate. As with all similar industrial fabrications, these may present sharp edges and suitable personnel protective equipment should be worn at all times during handling and installation. In all cases, installation should be entrusted to appropriately qualified/experienced persons. All contact between dissimilar metals must be isolated using isolation patches/washers. All bolts specified must be installed and torqued to Manufacturers Recommendations / Guidelines. The Construction applications and details provided in this guide are indicative only.