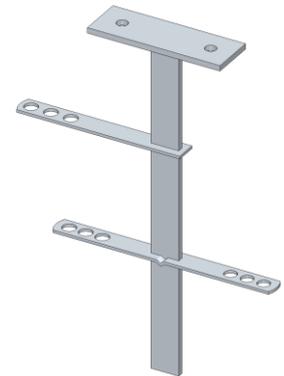


Sliding Anchors



Sliding brick anchors are lateral restraint fixings that provide a mechanical tie between masonry cladding and the structural frame where a movement joint is used. The anchor allows movement between the masonry and frame structure as well as improving resistance to wind loadings.

Depending on construction detail, the anchor fixes to the face or soffit of the structure and fits within the cavity. One way or two way ties are supplied that can slide up and down to account for vertical movement.



INSTALLATION

It is important when the stem is installed that it is vertical in both planes and central in the clear cavity.

Fixing

Standard heads utilise a 12mm diameter-fixing hole for M10 bolts. Special holes can be made to produce a bespoke product where required.

When fixing to steelwork, it is recommended that Xylan coated setscrews (WBXS) are used with isolating washers.

An isolation patch (WIP) of suitable size should also be positioned between the anchor head and structural steelwork.

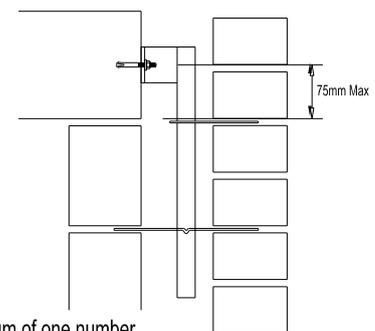
Ties

A minimum two number ties should be slid onto the stem and the uppermost tie be within 75mm of the fixing position. At least one tie should be positioned in the inner leaf and subsequent ties should be spaced at least 150mm apart.

Ties should have a minimum 50mm embedment into mortar courses (62.5mm – 75mm embedment in recommended).

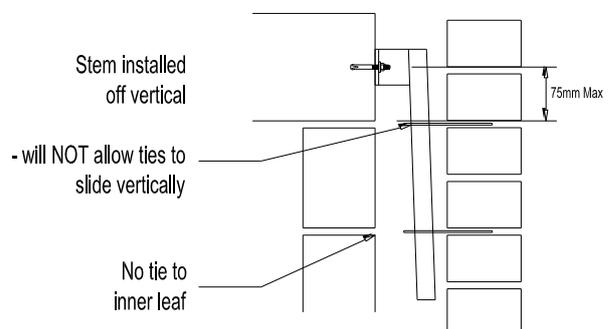
Care should be taken where stems are not installed centrally within the cavity. Correctly sized one ties should be used and two-way ties are available with an offset central slot.

Correct Installation



Minimum of one number
One-Way tie to inner leaf

Incorrect Installation



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.