

Wincro WT75BHR Universal Blockwork Head Restraints provide restraint to the top of masonry walls. Designed to clamp over the head of non-loadbearing, internal blockwork walls, they allow for soffit movement and provide resistance to lateral loads up to 1kN. They are designed to suit 100mm and 140mm wide blockwork as standard. Also suitable to suit 215mm thick blockwork (product code: WT75BHR215).

## INSTALLATION

Provide a maximum 25mm gap between top of masonry and underside of structure.

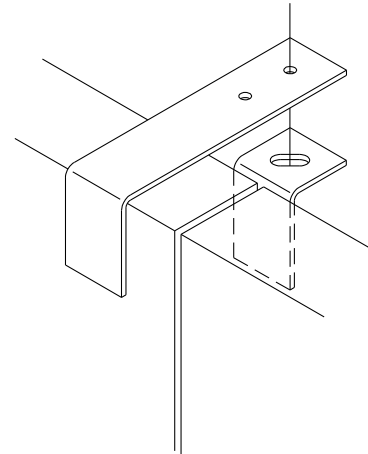
Position the WT75BHR head restraint (large angle uppermost) over the head of the blockwork, ensuring the lower leg is tight up against the blockwork face.

Offer up the smaller angle, flush up the blockwork and align the two fixing holes between the two angles.

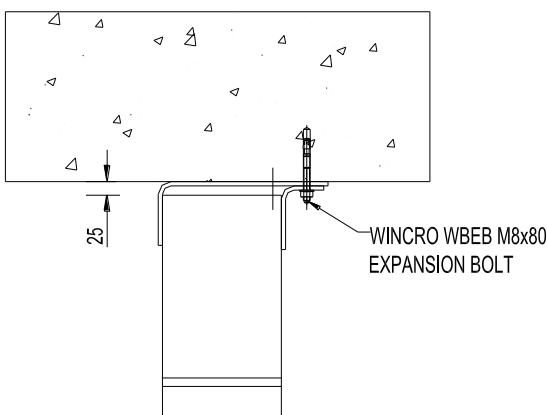
Mark and drill a suitable fixing hole to suit the required fixing.

Bolt together the two angles and fix to the underside of the structure using the appropriate fixing bolt.

Normally fixed at 600mm or 900mm centres, WT75BHR should be positioned to suit Engineers loadings and fix to the structural soffit through the 9mm hole using M8 fixing.



## Section Through



## Fixing

Fix to concrete using WBEB M8 Expanding bolt.

When fixing to structural steelwork, WT75BHR should be fixed using Xylan coated setscrew with isolation patch (WBXSM8+WIP).

It can also be fixed to rolled hollow sections using Wincro RHS Blindbolts (WBBBM8).

When fixing to structural steelwork, an isolation patch (WIP) must be used to separate the dissimilar metals.

## 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.