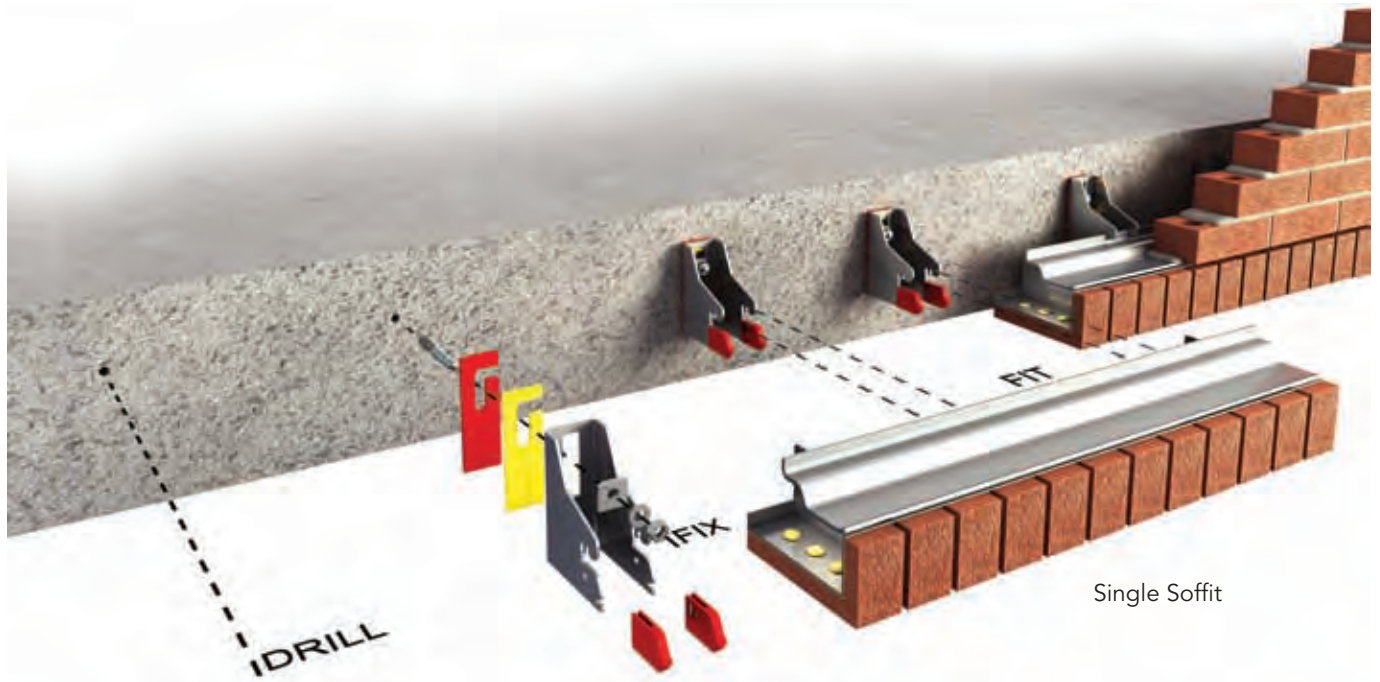
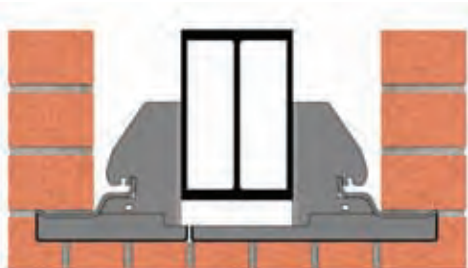


Brick Slip Soffit Solutions

Keystone offer a range of brick slip soffit solutions with a bespoke design and technical service.



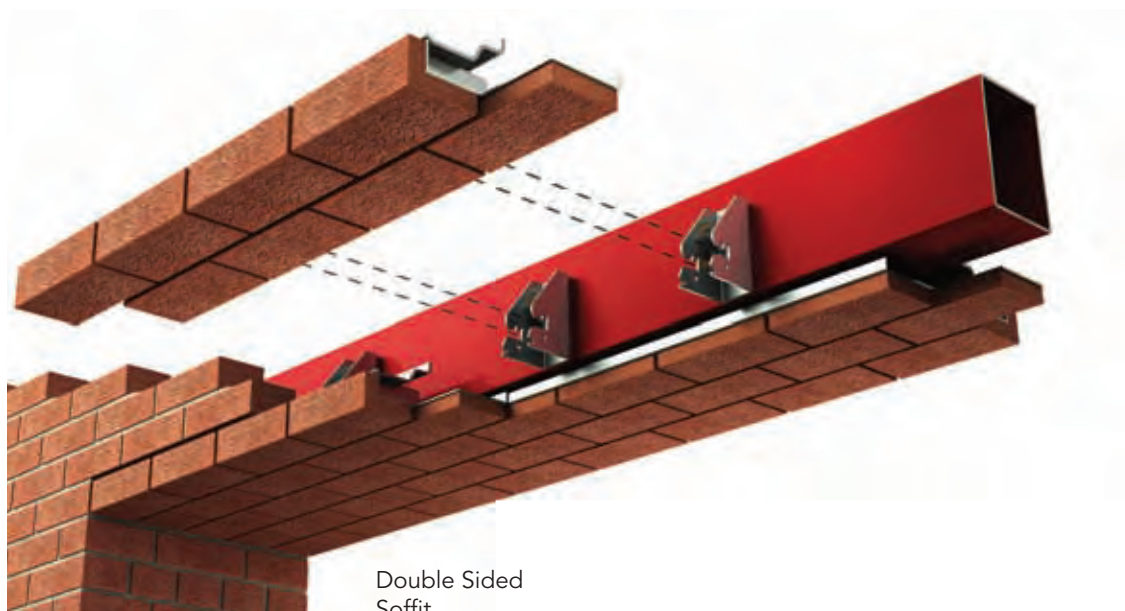
Single Soffit



By combining our Qwik-Fix angle masonry support system with bespoke steel components we produce single and double sided soffit systems which are ideal for runs of any length.

This versatile approach can adapt to suit the particular building frame and in each case Qwik-Fix offers a highly practical solution on site.

Soffit solutions utilise BD13 bricks with a faced base.



Double Sided Soffit

Brick Slip Panel Solutions

Keystone's bespoke components use our patented adhesion system and are delivered to site as a complete unit ready for installation and final pointing.



STEP 1

The brick slip panel is positioned, fixed and built into the outer skin.

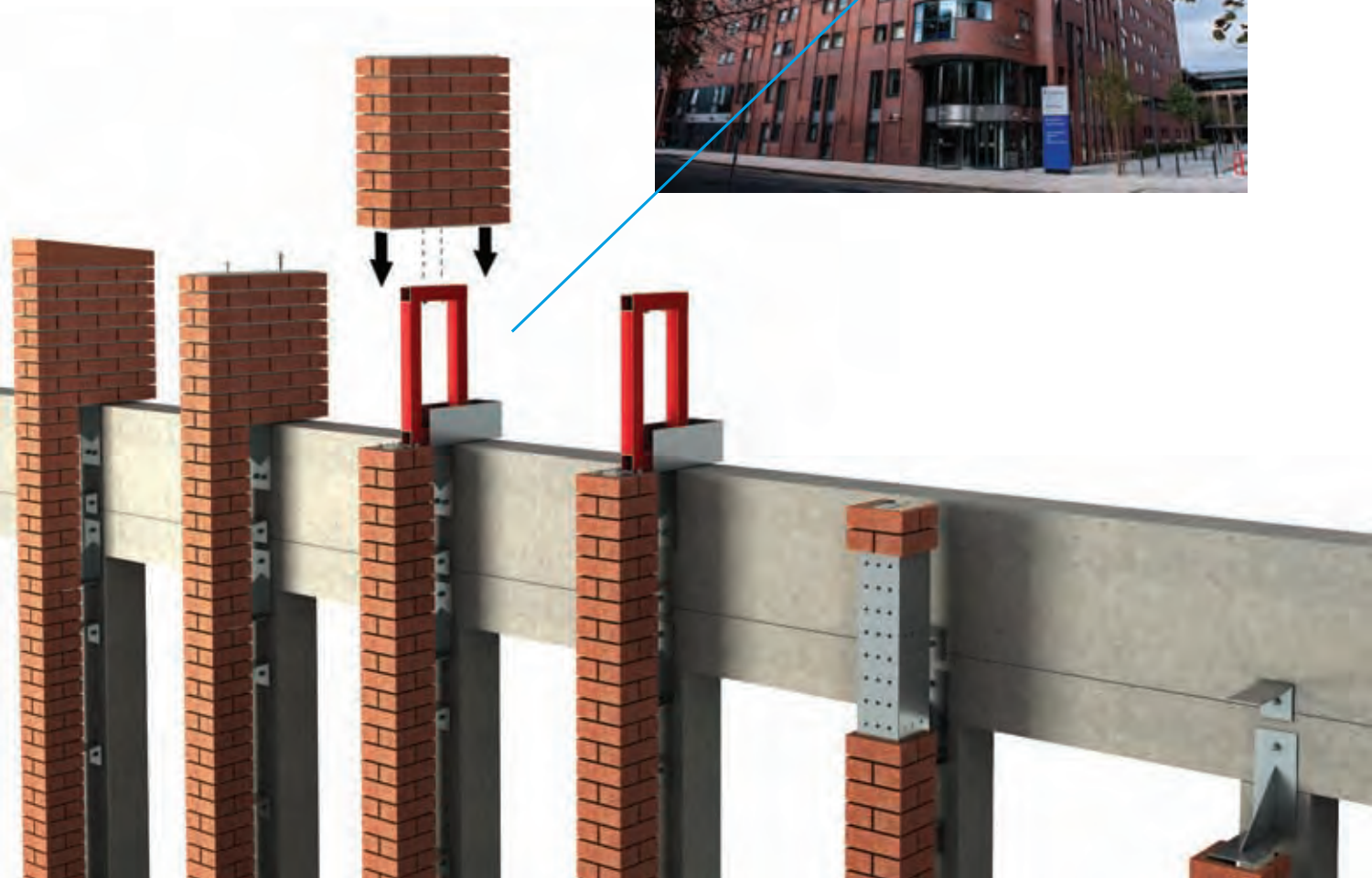


STEP 2

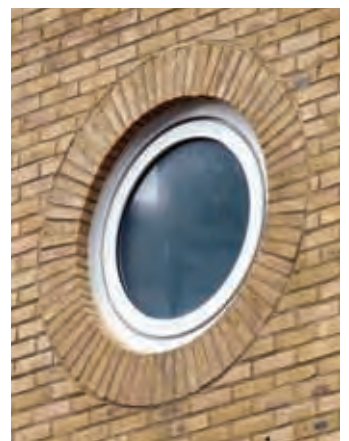
The brick slips are pointed to ensure a seamless appearance.

Bespoke Brick Slip Solutions

Keystone designed and produced a totally bespoke solution for this complex brickwork project on new student accommodation at Liverpool University.



Featured Brick Slip Projects

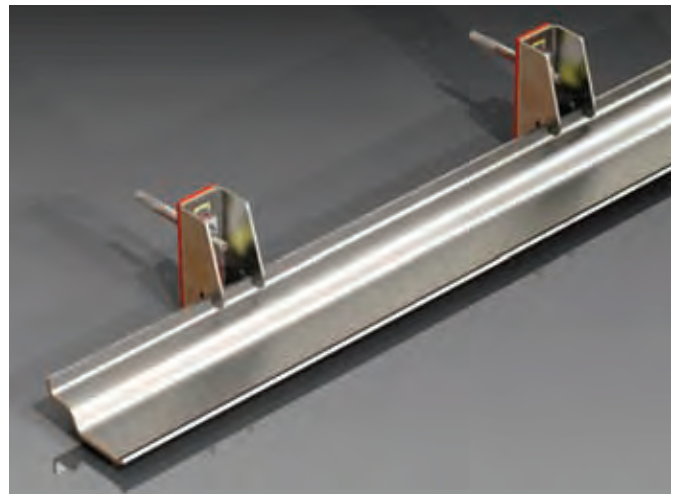


Masonry Supports

QWIK-FIX ANGLE

A range of systems suitable for supporting any outer leaf material: brickwork, fairface blockwork, rendered blockwork, cut and reconstituted stone. The systems can be fixed back to reinforced concrete cast-in channel and steel sections.

SAVES
TIME &
MONEY
ON SITE

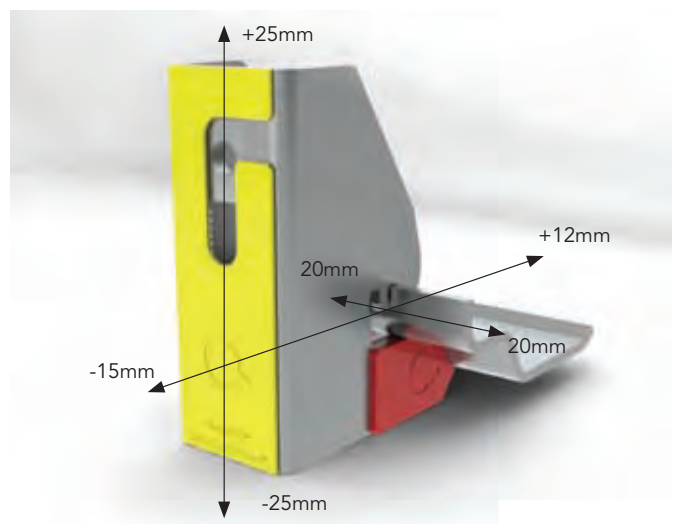


Qwik-Fix® Angle

saves you time and money because:

- INDUSTRY LEADING ADJUSTABILITY**
 It has industry leading adjustability - this mitigates for on-site conditions in the most cost effective way possible.
- REQUIRES 25% LESS BRACKETS**
 It has the strongest angle section on the market - this means that compared to our next best competitor, up to 25% fewer support brackets are required.
- SUPPLIED EX-STOCK**
 All configurations are available ex-stock - this makes it easier to specify and cheaper to source.

SCOPE OF ADJUSTMENT



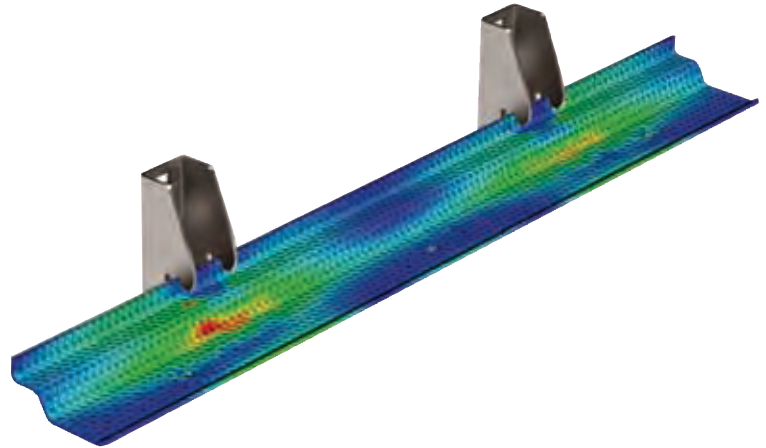
QWIK-FIX ANGLE - ADDED STRENGTH, LESS WORK

Independent comparative tests have shown that Qwik-Fix® Angle shows between 10-50% less deflection at the point of mid-span between support brackets than our competitors' angle sections. This means our support brackets can be installed at wider centres, which significantly reduces installation time.

BENEFITS OF IMPROVED ADJUSTABILITY



- EFFICIENT ON SITE**
 Major reduction in man hours required to install the system - between 17% and 66%, depending on frame of reference.
- PRACTICAL ON SITE**
 Variations in blockwork can be mitigated for quickly on site; you will never have to re-order components.
- EFFECTIVE ON SITE**
 System can be installed easily and accurately around reinforcing bars.



Finite Element Analysis showing areas of maximum to minimum stress.

The blue area at mid span between brackets illustrates minimal stress at the angle's critical leading edge.

Areas of maximum stress are illustrated in red - centred in structurally non-critical areas.



RB/K LINTEL

For use with integral concrete ring beams. The RB/K type lintel must be bolted to the concrete ring beam at 400mm c/c using M16 anchor bolts.

The RB/K type range can be supplied to facilitate various cavity widths: eg specify RB/K-50, RB/K-70, RB/K-90.

Lintel Hotlines
 UK - 01283 200 150
 N.I - 028 8676 2184
 ROI - 048 8676 2184

Fax Back Enquiry Forms are available for download at www.keystonelintels.com

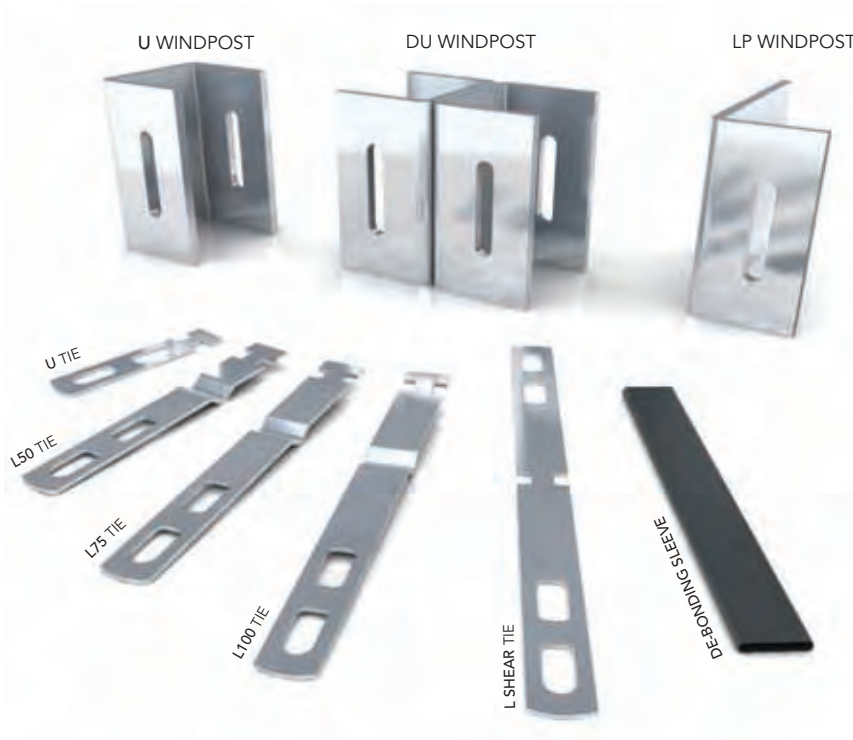
Windposts

Keystone Windposts span vertically between floors to provide additional lateral support for large panels of brickwork or large panels with openings. Keystone manufacture three types of windposts.



Stainless steel windposts for a range of loads

74



U WINDPOST

The U windpost is a channel section designed for standard loading conditions and is installed within the cavity.

DU Windpost

The DU windpost is a “back to back” channel section designed for heavier loading conditions and is installed within the cavity.

LP Windpost

The LP Windpost is an “L” shaped section designed to suit a range of loading conditions and is built into the inner skin of the cavity wall.

Material Specification

Keystone Windposts are manufactured from grade 304 stainless steel. The Keystone Technical Team will provide full product specification and schedules.

Lintel Hotlines

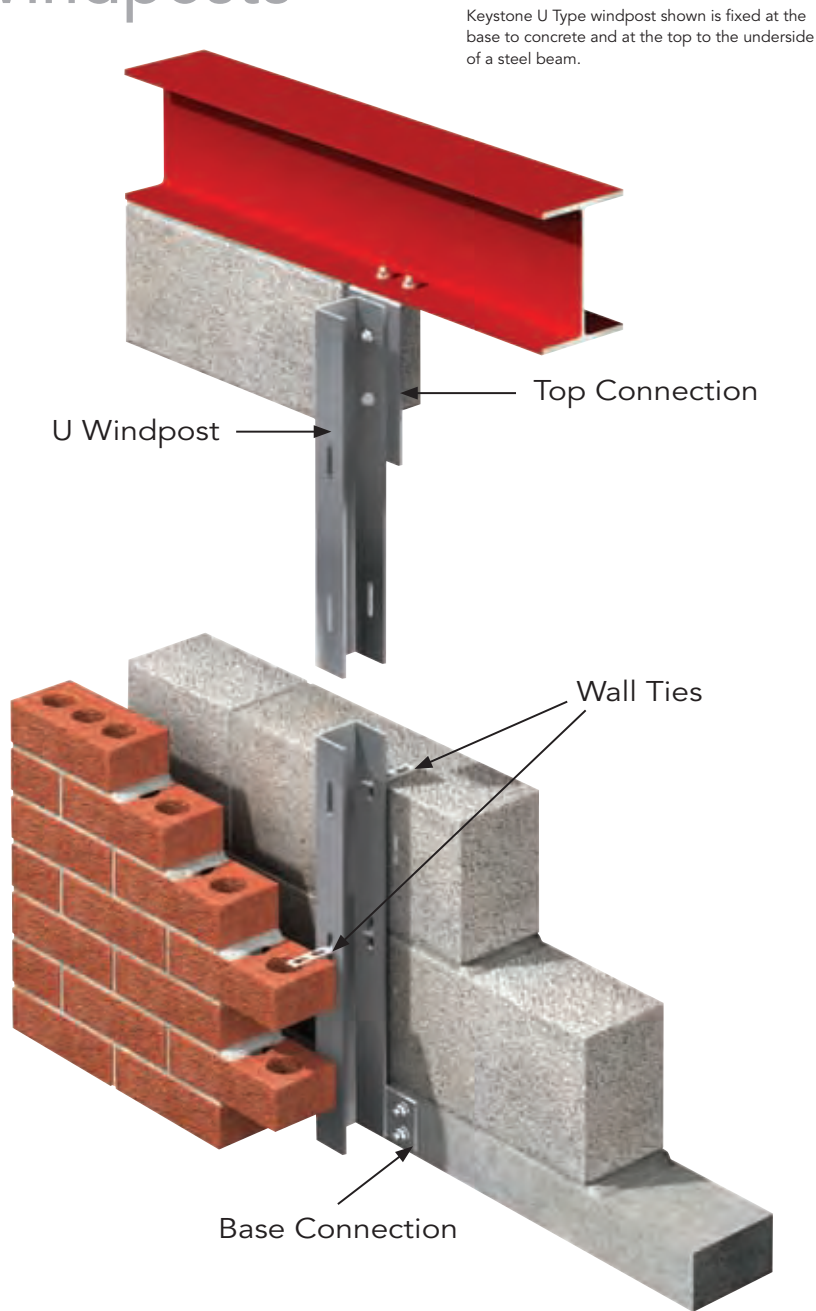
UK - 01283 200 150

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Windposts



Keystone U Type windpost shown is fixed at the base to concrete and at the top to the underside of a steel beam.

DU WINDPOST



U WINDPOST



LP WINDPOST



WINDPOST CONNECTIONS & WALL TIES

All Keystone Windposts are supplied with specifically designed base and top connections. They are also supplied with a suitable number of wall-ties which will vary in relation to the post type used and the cavity width. There are five types of wall ties available.

U Tie	For use with U & DU Windposts.
L50	Tie – For use with LP Windposts (50mm cavity).
L75 Tie	For use with LP Windposts (75mm cavity).
L100 Tie	For use with LP Windposts (100mm cavity).
L Shear Tie	For use with LP Windposts.

Note: L Shear Tie can be supplied with a de-bonding sleeve if the windpost is positioned at a vertical movement joint.