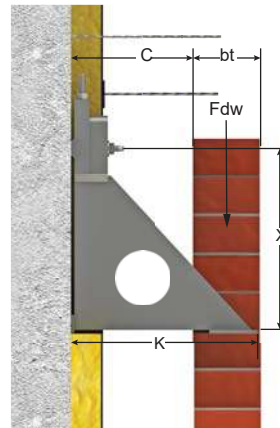


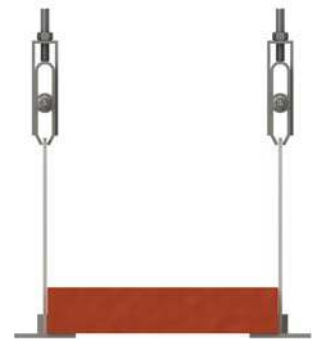
ISO-FIX Brickwork Support Bracket - Product Details

ISO-FIX Brickwork support brackets is an environmentally friendly product that helps to reduce energy consumptions. With its patented design, it reduces cold bridging significantly. There is a round part that is laser cut on the body which decreases the rate of cold bridge transfer to the wall. Thermal break pads are also used that reduces the cold bridging effect to the walls. The ISO-FIX product features is available for the whole HMS-FIX range.

- Significant reduction in cold bridging with its developed design and use of thermal breaks
- No bending moment on the fixing bolts with the use of FIX adjustable plate
- No point load on the fixing bolts because of the FIX adjustable plate
- Fast installation & adjustability in the vertical axis. One person can easily do the installation



C: Wall gap
 bt: Brick thickness
 x: Installation height
 K: Projection
 Fdw: Dead Load



| Cavity a (mm) | Load Category 3,5 kN FRd = 4,7 kN | | Load Category 7,0 kN FRd = 9,5 kN | | Load Category 10,5 kN FRd = 14,2 kN | |
|---------------|--------------------------------------|-------------|--------------------------------------|-------------|--|-------------|
| | Projection K (mm) | x size (mm) | Projection K (mm) | x size (mm) | Projection K (mm) | x size (mm) |
| 60 ± 15 | 150 | 150 | 150 | 200 | 150 | 250 |
| 80 ± 15 | 170 | 150 | 170 | 200 | 170 | 250 |
| 100 ± 15 | 190 | 150 | 190 | 200 | 190 | 250 |
| 120 ± 15 | 210 | 150 | 210 | 200 | 210 | 250 |
| 140 ± 15 | 230 | 175 | 230 | 250 | 230 | 300 |
| 160 ± 15 | 250 | 175 | 250 | 250 | 250 | 300 |
| 180 ± 15 | 270 | 180 | 270 | 270 | 270 | 320 |
| 200 ± 15 | 290 | 200 | 290 | 290 | 290 | 350 |
| 220 ± 15 | 310 | 220 | 310 | 310 | 310 | 360 |
| 240 ± 15 | 330 | 240 | 330 | 330 | 330 | 380 |
| 260 ± 15 | 350 | 260 | 350 | 350 | 350 | 400 |

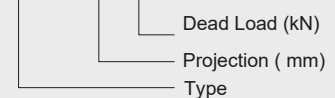
| | | | |
|----------------|---------------------------------------|--|--|
| Anchor bolt | HB03 M12x145 | HB03 M12x145 | HB03 M16x185 |
| Anchor channel | HMPR 38/17 with T head bolt M12x80 | HMPR 49/30 with T head bolt M16x100 | HMPR 54/33 with T head bolt M16x100 |

ISO-FIX-U Brickwork Support Bracket

This brickwork anchor is designed to reduce cold bridging. There is a laser cut out on the body that reduces the transfer of cold bridging to the substrate. Also thermal break pads are used which are positioned between the bracket and the wall.

Product Code Description

ISO-FIX -U -150 / 3,5



FIX-AP Adjustable Profile - Product Information

The **FIX-AP** adjustable profile is a patented product that is used as a complementary product with the **FIX** brackets.

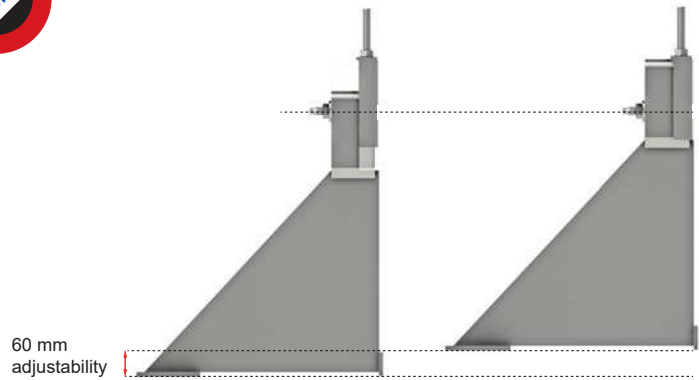
The adjustable profile enables quick and secure adjustability in the vertical axis. Unlike the traditional set screw, using the adjustable profile offers the installer adjustment the brackets without the need for a second hand assistance.

The primary advantage of the adjustable profile is that it eliminates offset moment loads on the bolts, therefore the requirement for bending moment testing on bolts is not necessary.

FIX-AP Adjustable Profile



- Adjustability of the bracket is made by the adjustable profile and the threaded bar that is fixed on the profile with a nut. The bar is inserted in the tabbed hole on the upper part of the bracket.



FIX Brickwork Support Bracket - Product Range

The **FIX** brackets are available for the complete range of the **FIX** Brickwork support brackets. The patented special adjustable profile is compatible with all the **FIX** type brackets. The adjustable profile and a threaded rod is used instead of a set screw and nut in order to regulate the vertical adjustment.

FIX-U



FIX-UV



FIX-P



FIX-PV



FIX-S



FIX-SV



FIX-W



FIX-UT



FIX-F



FIX-FV

