

Suspended Brickwork

Four ways to create attractive soffit details

DEEP REVEALS AND SOFFITS ARE AN INCREASINGLY POPULAR DESIGN FEATURE THAT ADD AN EXTRA DEPTH AND DIMENSION TO MASONRY FAÇADES. CREATING THESE EFFECTS CAN BE KEY TO THE AESTHETICS OF THE BUILDING BUT CAN POSE ENGINEERING PROBLEMS AS THE MAIN BUILDING FAÇADE MUST BE MAINTAINED ACROSS AN OPENING, WHILE SEEMING TO BE UNSUPPORTED BY STRUCTURAL STEELWORK.

The unique expertise of Ancon in the design and manufacture of high integrity steel components has enabled the company to develop four effective solutions to achieve this popular design feature – allowing architects greater freedom in design.

Solutions range from the suspension of factory-made brick faced steel or precast concrete units that are simply lifted and bolted to the underside of an Ancon MDC brick support system, to more complex hanger systems that are assembled on site using Ancon stirrups and stitching rods or channels and dowelled wall ties. All systems are manufactured to meet individual project specifications. System designs vary depending on factors such as load, cavity, soffit dimensions, brick pattern and coursing.

Our experience shows a prefabricated soffit offers contractors a far easier and more cost-effective solution. Our latest innovation, Nexus®, has been developed in partnership with cut-brick specialist Ibstock Kevington and offers a lightweight steel alternative to cast concrete.

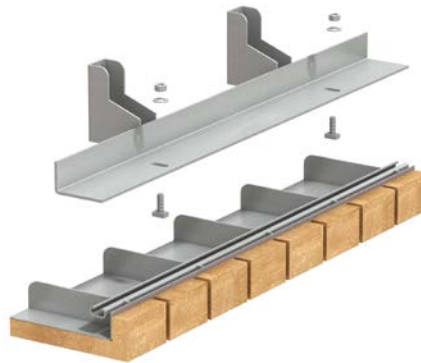
Brick Slip Systems

Ideal for large / numerous soffits

Nexus® Brick Faced Support System

Combining a specially developed Ibstock Kevington lightweight brick-faced steel unit with Ancon's tried and tested MDC stainless steel brick support angle, the Nexus® brick soffit system is our recommended solution. This prefabricated two-part system, available in virtually any brick type or bond pattern, is simply bolted together on site providing quick and simple soffit alignment without mechanical lifting.

The new system offers considerable benefits over traditional cast concrete alternatives – cutting weight by more than half, which in most cases will allow the brick-faced units to be installed without specialist lifting equipment, and significant savings in installation time – making it particularly appropriate for fast-track or time-limited projects.



Nexus® lightweight brick faced soffit system

Watch the Nexus® installation video at www.youtube.com/AnconLtd

Precast Concrete System

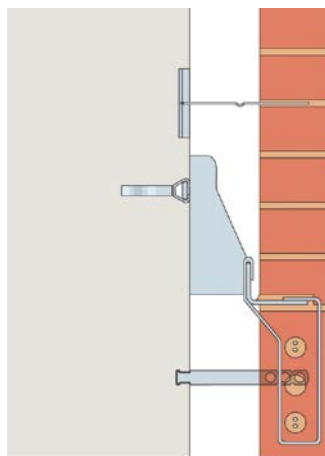
Ancon MDC masonry support systems can be designed and manufactured to suspend precast concrete brick-faced units. Due to the considerable weight of precast concrete systems a mechanical lifting device is required when bolting to the underside of the Ancon brick support angle.

Full Brick Systems

Ideal for occasional / small openings

Stirrup and Stitching Rod System

A brick soffit can be created by suspending a soldier course of cored brickwork on stainless steel stirrups located at 225mm centres. The stirrups fit over the Ancon brick support angle



MDC with stirrup and stitching rods

Copyright Haworth Tompkins Architects and Keith Hunter



and stitching rods span between the stirrups, supporting cored or holed bricks.

Hanger Tie System

A soldier course of solid bricks can be suspended from dowelled Ancon hanger wall ties fixed to Ancon 36/8 channel welded to the underside of an Ancon brick support angle. The system is suitable for small, simple openings and is assembled on site.

These four solutions are illustrated in a new technical brochure clearly demonstrating the applications, benefits and installation details of each system. For your copy call us on 0114 275 5224, email us at tech@ancon.co.uk or visit www.ancon.co.uk/Nexus.

Join the conversation on Twitter @AnconUK or check out more installation videos at www.youtube.com/AnconLtd.

Ancon – Enquiry ??