

# IBSTOCK | KEVINGTON

Building Components

CI/51B		(F10)	

November 2015

## NEXUS®

### Next Generation Brick Faced Support System

Create feature brick faced soffits –  
lighter, faster and with perfect alignment

Designed and manufactured  
in partnership with:

**Ancon**®  
BUILDING PRODUCTS



## MAKE LIGHT WORK OF BRICK FACED SOFFITS

Deep reveals and soffits are an increasingly popular design feature that **add an extra depth and dimension to masonry façades.**

With the new Nexus® system, creating perfect brick faced soffits couldn't be easier: The advanced design units are lightweight and easy to fit, and can be simply aligned using a unique two-part system to create a flawless joint with the main brickwork façade – with no unsightly supporting steelwork left exposed.

Developed by two of the building industry's leading manufacturers, Ibstock Kevington and Ancon, the system combines a high integrity stainless steel brickwork support system with prefabricated brick faced units that can be simply lifted and bolted into position by hand – without mechanical lifting equipment. Prefabricated brick faced stainless steel lintels are also available.

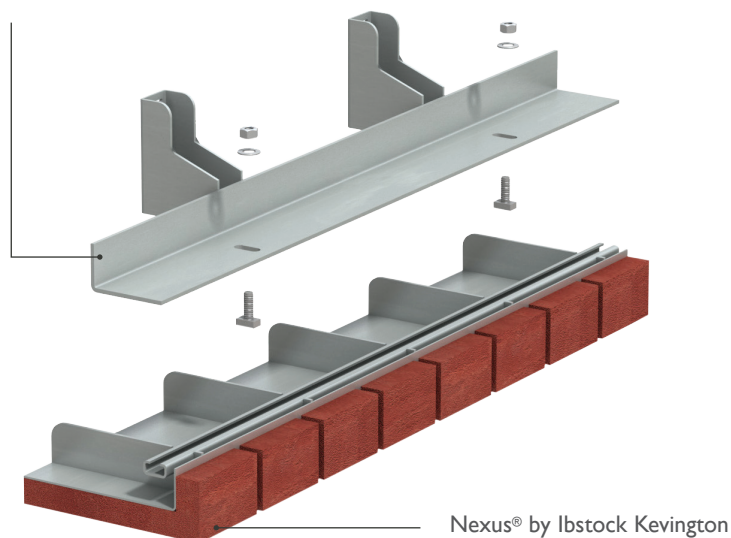
Nexus® is ideal where speed is important or access limited – and the permanently bonded facing of genuine brick slips from any manufacturer means no compromise on quality or appearance.

### SYSTEM BENEFITS

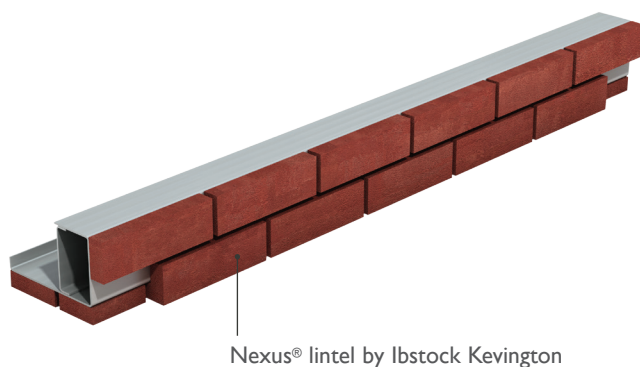
- ✓ **Two-part system allows full adjustment for perfect alignment**
- ✓ **Quicker to install - no mechanical lifting**
- ✓ **Lighter and easier to handle than precast concrete systems**
- ✓ Simply bolt into position
- ✓ Designed and prefabricated to fit any size or shape soffit
- ✓ Any brick type and bond pattern can be accommodated
- ✓ Saves time and money
- ✓ Combined expertise of two leading manufacturers

### NEXUS® BRICK FACED SOFFIT

Ancon MDC Nexus®  
Brick Support



### NEXUS® BRICK FACED LINTEL



## SIMPLE INSTALLATION

### STEP 1

Fix Nexus® brick faced units to pre-installed masonry support system by finger-tightening bolts.

### STEP 2

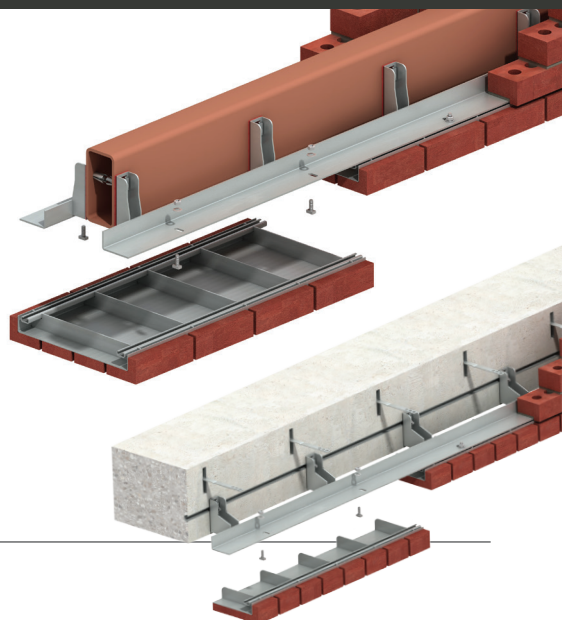
Adjust vertical and horizontal alignment. Fully tighten bolts to correct torque.

### STEP 3

Point to match main brickwork.

“ Being a two-part system, we found the Nexus® brick faced support system easier to install on site than a single piece system. We were able to adjust it quickly and simply and appreciated the flexibility the two-part system offered. ”

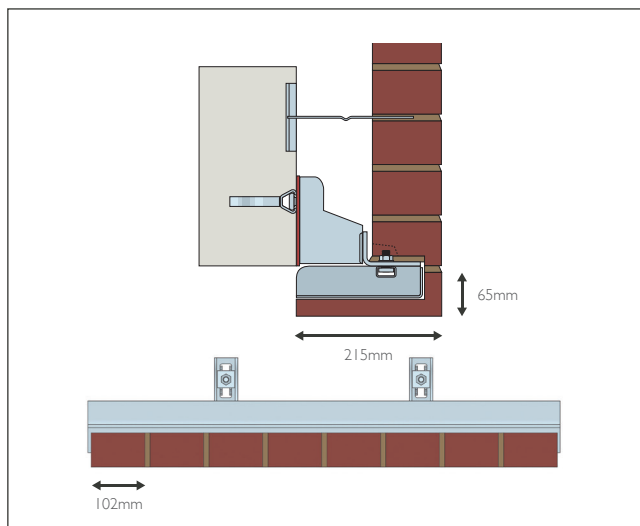
Marc Coleman - Project Manager - Flahive Brickwork



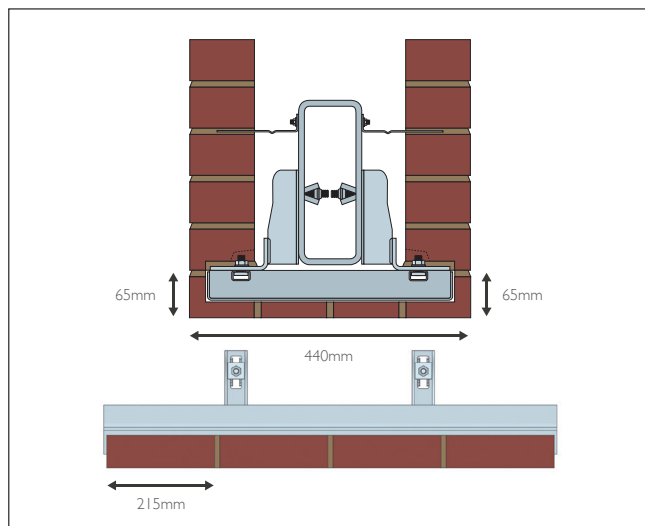
## TYPICAL SOLUTIONS

Below is a selection of typical solutions. Individual solutions including other brick arrangements will be designed to suit project requirements. Please contact us to discuss your requirements.

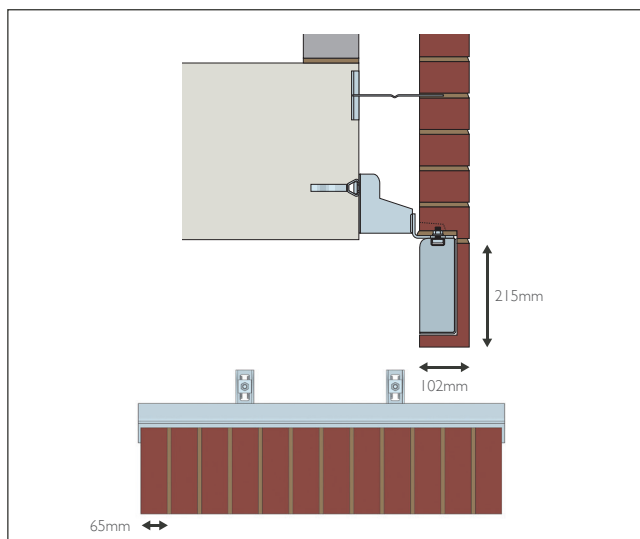
**SOFFIT UNIT 65 x 215mm with Header Bond**



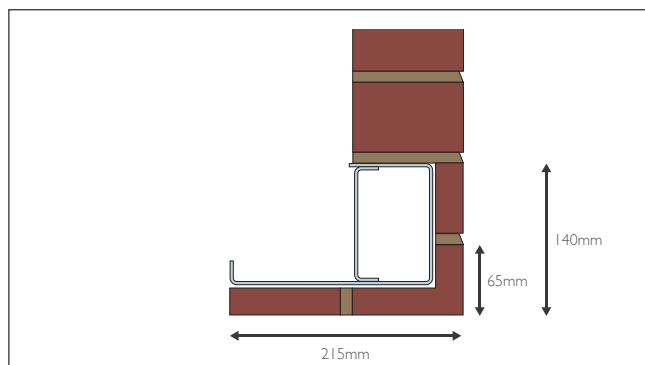
**SOFFIT UNIT 65 x 440 x 65mm with Stretcher Bond**



**SOFFIT UNIT 215 x 102mm with Soldier Bond**



**LINTEL 140 x 215mm with Stretcher Bond**



Nexus® has been developed in conjunction with Ancon Building Products, the leading manufacturer of high integrity stainless steel structural components. The Nexus® unit features Ancon 28/15 channel and is designed to be simply bolted to a pre-installed Ancon MDC Nexus® brick support system.

A LIFETIME OF EXPERIENCE AND TECHNICAL EXCELLENCE

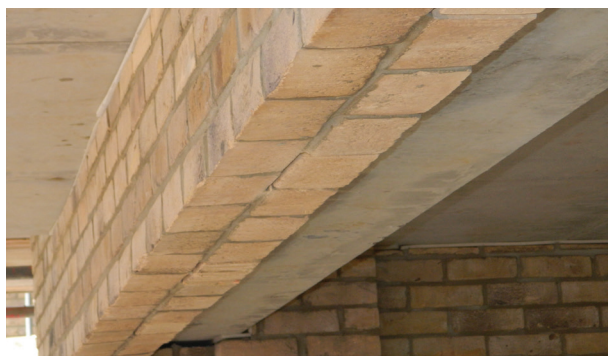
Most brick and masonry types, bond patterns and styles can be accommodated.

**Ancon**  
BUILDING PRODUCTS

**IBSTOCK | KEVINGTON**  
Building Components

## CASE STUDIES

### Bow River Village, Bromley



**Project:** Mixed residential and commercial development designed with a Victorian warehouse aesthetic to reflect the area's industrial heritage.

**Product:** Nexus® brick faced support systems and lintels

**Architect:** Frank Reynolds Architects

### Silchester, Kensington & Chelsea



**Project:** New homes and community facilities on a redeveloped garage site.

**Product:** Nexus® brick faced support systems and lintels

**Architect:** Haworth Tomkins Architects

## SPECIFICATION CLAUSE

### Ancon MDC NEXUS Bracket Angle Support System

Ancon MDC Systems are tailored to suit each project, and are based on the cavity size at the support and the unfactored masonry load to be carried. Ancon will design an economical configuration of channel, bracket and angle.

Specification is as follows:-

MDC NEXUS / type / cavity / unfactored masonry load

e.g. MDC NEXUS / 75 / 5.6

Ancon will design a standard system to suit a 75mm cavity and carry 5.6kN/metre run of masonry (unfactored).

### Nexus® Unit

Brick or masonry slips permanently bonded direct to a grade 304 stainless steel unit using high strength adhesive. The size of the unit and bond pattern of the slips to suit project requirements.

## TECHNICAL SPECIFICATIONS

**Steelwork:** High grade stainless steel, manufactured in Ancon's BS EN 1090-1 approved factory and CE marked.



**Brick slips:** 25mm thick and manufactured in accordance with BS 4729 and BS EN 771-1 and CE marked.

**Adhesive:** Metolux Metofix 3-1 epoxy adhesive.

Nexus® has been tested for long term durability by Lucideon, the independent global expert in materials testing, analysis and consultancy.



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Building Components

For information on Nexus® contact:

**Building Components & Special Shapes**  
t: 0844 736 0350

**Design & Technical Helpline**  
t: 0844 800 4576

[www.ibstock.com](http://www.ibstock.com)



Part of the Ibstock Building Products family of exceptional brands



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Double winner of the Queen's Award for Enterprise