



Carbon
Neutral
Product

B.O.S.S.^{A1}
BRICK ON SOFFIT SYSTEM

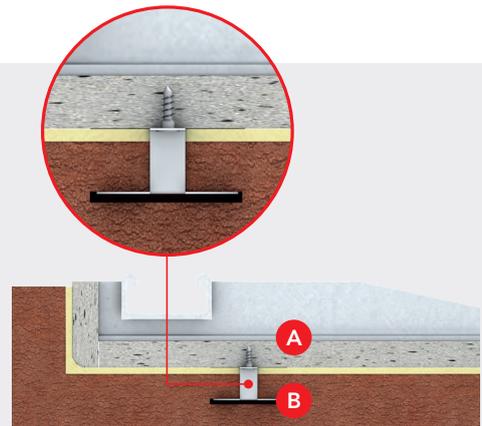
The **Innovative, Carbon Neutral** Solution





Designed and manufactured by IG Masonry Support, B.O.S.S. A1 is a lightweight, carbon neutral, prefabricated brick slip soffit system that creates spectacular brick soffits. For added security, the brick slips on this BBA approved product are secured to the brick carrier with a robust mechanical fix.

A A1 fire rated cement board **B** Patented mechanical fix



Integration with surrounding brickwork

Brick soffits, deep reveals and flying beams have become increasingly popular design features with architects wanting to add depth and visual flare to a masonry façade. IG's B.O.S.S. A1 system provides a technically advanced solution that meets the required aesthetics, producing completely hidden structural steelwork which gives the impression of unsupported brickwork.

Enhanced Features

- A1 fire rated
- Hygrothermally tested
- Carbon neutral product
- Mechanically fixed brick slips
- Suitable for all heights and types of buildings

Six reasons to specify B.O.S.S. A1

1

A1 Fire Rated

The system is an 'A1' fire rated, BBA certified unit suitable for use on projects that require Document B compliance. By specifying B.O.S.S. A1, architects and specifiers can be assured that their brick soffit features meet current fire regulations regardless of the building's height or purpose.

3

Carbon Neutral Product

B.O.S.S. A1 has achieved Carbon Neutral Standard by offsetting carbon emissions through certified carbon offset projects.



5

Ease of Installation

B.O.S.S. A1 is a two part system designed to be fitted to IG's Welded Masonry Support (WMS) and offers adjustability on all three planes. While the system facilitates speed of installation it also provides the quality associated with production offsite in factory controlled conditions. IG Masonry Support receives a consignment of the brick being used onsite to ensure that the finished B.O.S.S. A1 units blend seamlessly with surrounding brickwork.

2

Hygrothermally Tested

The B.O.S.S. A1 units were tested to demonstrate structural performance, following a period of accelerated weathering. The bond strength of the system was evaluated after being subjected to hygrothermal conditioning. The testing involved subjecting the B.O.S.S. A1 units to repeated heat/rain cycles, followed by repeated freeze / thaw cycles at a controlled temperature and humidity, all designed to simulate naturally occurring conditions. Following the weathering, pull-off tests were performed on the B.O.S.S. units.

4

Time Saving Onsite

B.O.S.S. A1 offers 90% time saving onsite and negates the need for mechanical lifting. Alternative systems for suspending brick from the underside of masonry support require bricks to be predrilled and hung from rods, this can be a timely and labour intensive installation. Other methods that use heavy precast concrete units, suspended from above, require mechanical lifting. B.O.S.S. A1 is 70% lighter than equivalent concrete units.

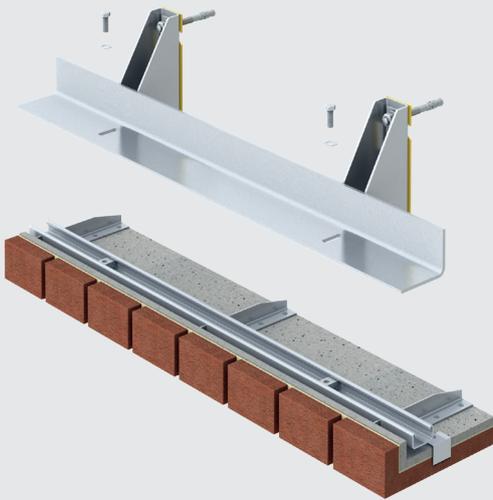
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Multiple Design Variations

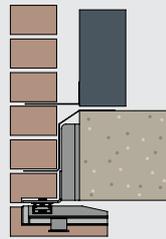
Spectacular brick soffits with a wide range of bond patterns can be created using B.O.S.S. A1.

B.O.S.S. A1 is available in many profiles, four of which are shown below. Bespoke solutions including other brick arrangements can be designed to suit specific project requirements.

1 Header Bond 65 x 215mm



This solution is used to create header details at openings and reveals. The header bond detail on the B.O.S.S. A1 unit differentiates the soffit from the brickwork on the main façade.



215

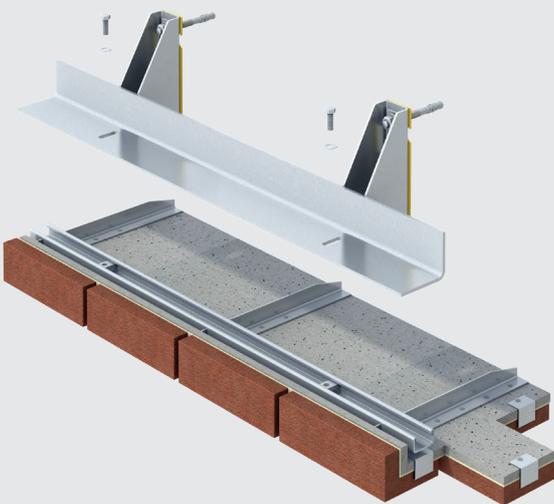
End view



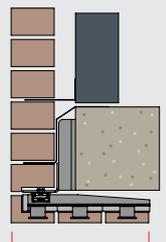
102

Front elevation

2 Stretcher Bond 65 x 327mm



Used to create deep soffits providing continuity with the brickwork on the main façade. Adjacent soffit units are designed to interlock, blending seamlessly together once the brickwork is pointed.



327

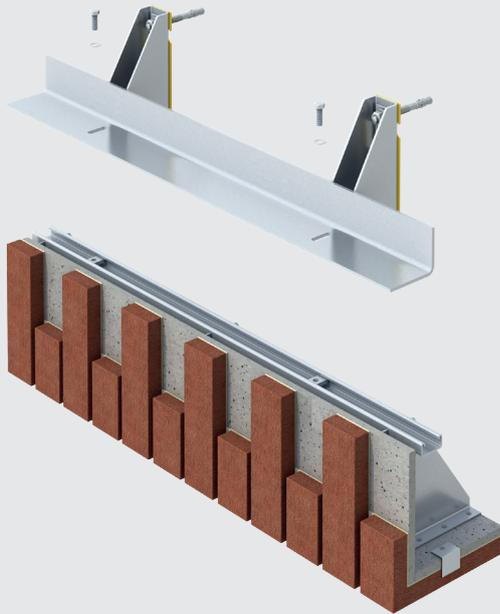
End view



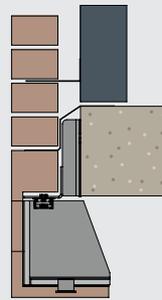
215

Front elevation

3 Half Lap Bond 215 x 215mm



This solution is used to create half lap bond details at openings and reveals. The half lap bond detail on the B.O.S.S. A1 unit differentiates the soffit from the brickwork on the main facade.



215

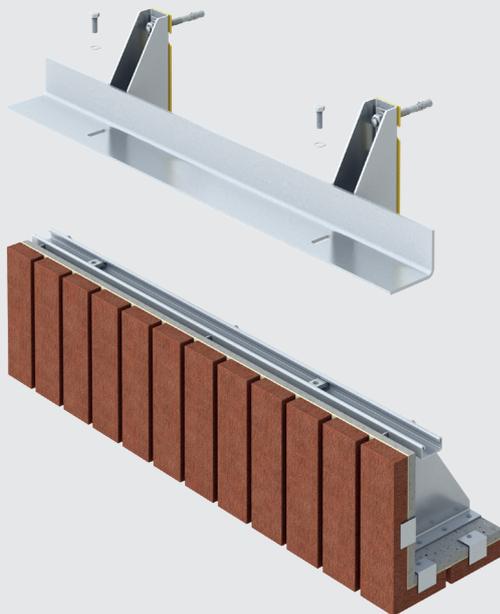
End view



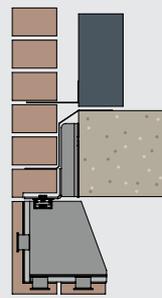
65

Front elevation

4 Soldier Bond 215 x 215mm

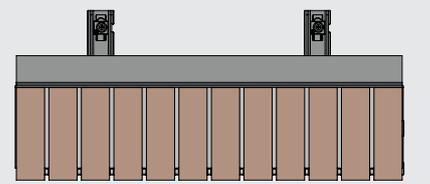


This solution is used to create soldier bond details at openings and reveals. The soldier bond detail on the B.O.S.S. A1 unit differentiates the soffit from the brickwork on the main facade.



215

End view



65

Front elevation

1

**Goldcrest
Student Village
NUIG, Galway**

Architect
Coady Partnership Architects

Contractor
JJ Rhatigan & Co

This state of the art £23.6m student residence on the NUIG campus in Galway, encompasses four multi-storey apartment blocks up to five storeys high. Providing 12,500m² of top quality student accommodation for 450 students, the 76 apartments grouped around two landscape courtyards contain four to six en-suite bedrooms.



2

**Regents Park
Regeneration
London**

Architect
Ingleton Wood

Contractor
Lovell Homes London

Regents Park Regeneration is a £72m development which has seen the creation of 122 affordable new homes and community facilities in Camden, north west London. Lovell Homes London, in conjunction with architects Ingleton Wood, was selected to deliver the new homes across eight sites within the existing estate. The one to five bedroom apartments are situated in an inner-city location with buildings ranging from three to eleven storeys in height.

3

Port Street Manchester

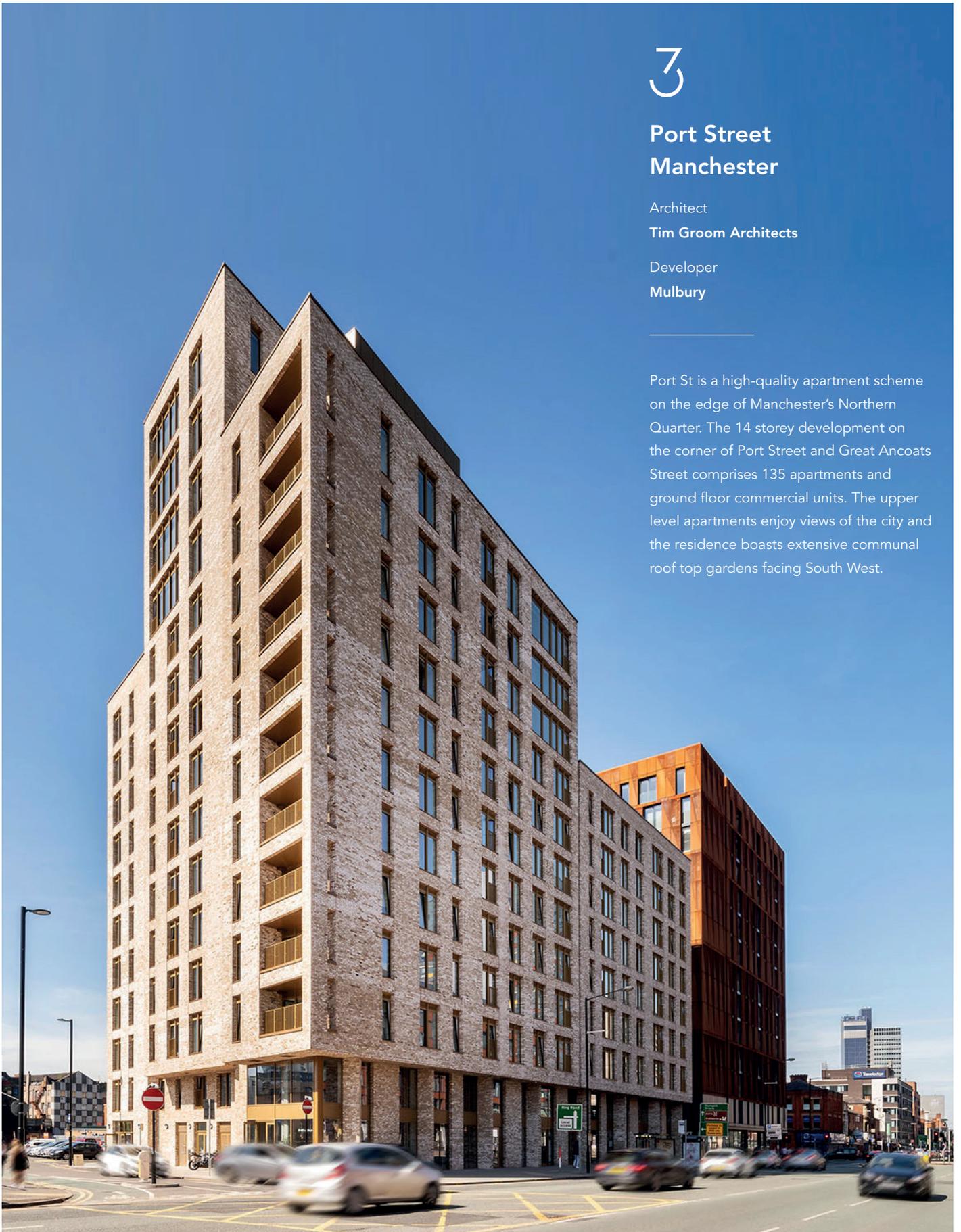
Architect

Tim Groom Architects

Developer

Mulbury

Port St is a high-quality apartment scheme on the edge of Manchester's Northern Quarter. The 14 storey development on the corner of Port Street and Great Ancoats Street comprises 135 apartments and ground floor commercial units. The upper level apartments enjoy views of the city and the residence boasts extensive communal roof top gardens facing South West.



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