Barracuda

JAMES TAYLOR
SOLUTIONS OUTSIDE THE BOX

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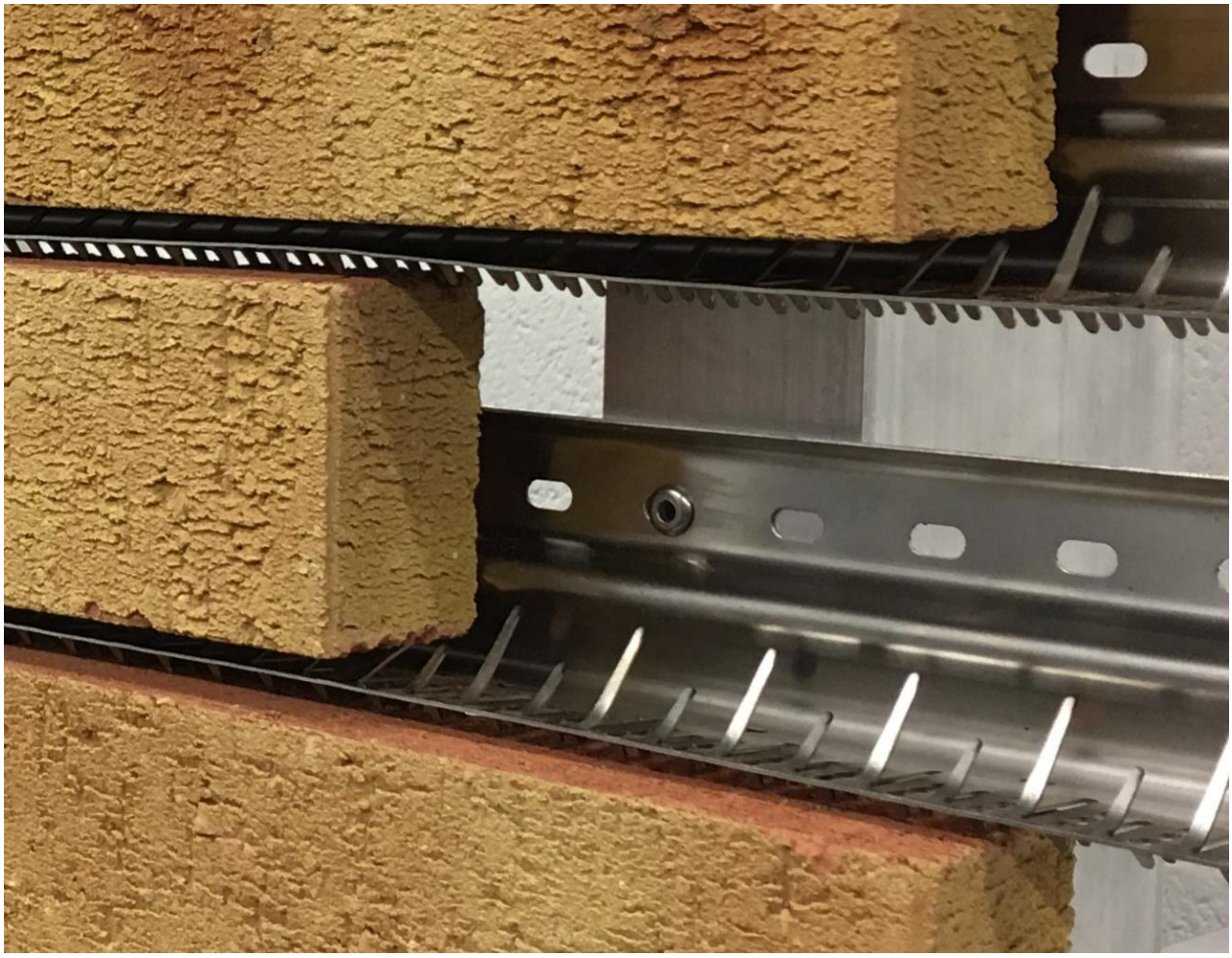
Barracuda

Barracuda, for the very first time, provides a brick slip support system that can accommodate any brick type (including handmade), in the full range of brick size manufacturing tolerances, cut into the simplest of slip shapes.

Barracuda achieves this with a unique, patented design that uses a lightweight, precision rolled, stainless steel section which incorporates individual, inward facing, sprung teeth that grip the brick slip.

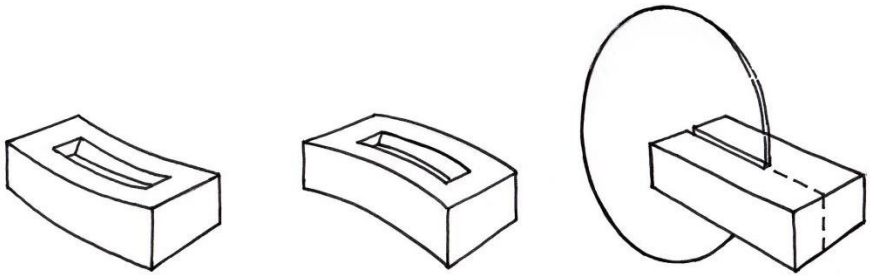
Because the teeth are inward facing, the brick slip can be readily inserted between the Barracuda sections, but once fully inserted the brick slip is securely held in place. The individual sprung teeth respond to dimensional differences in the height of the brick slip, enabling even the most characterful, dimensionally variable handmade bricks to be securely gripped by the system.

The injection of mortar into the joints between the brick slips, locks both the sprung teeth and the bricks slips in place.



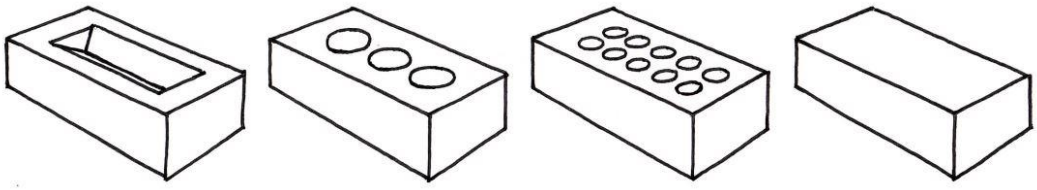
Uniquely, the Barracuda system uses **real bricks** cut into the **simplest of 'slip' shapes**. So, just a simple single cut.

Until now, brick slip systems that mechanically capture the brick have needed to use either complex shaped, purpose extruded bricks which are less characterful in appearance and limited in range or they require more complex cutting, incorporating additional rebates and slots. Just 5% of Barracuda slips require secondary rebates.



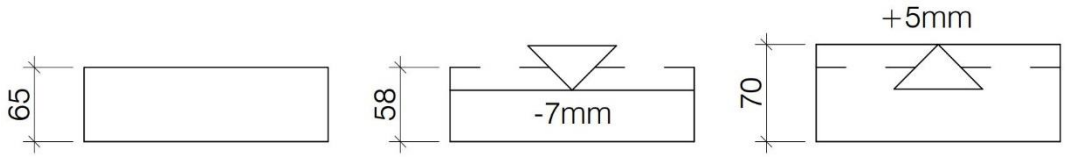
Uniquely the Barracuda system can accommodate bricks of **any shape or type** from **any brick manufacturer**. So, bricks with large frogs, large core holes, numerous smaller core holes and of course 'solid' bricks etc. The bricks can be any clay material type, extruded, pressed or handmade.

Current alternative systems are typically either offered by a brick manufacturer or aligned to one in some way. Because of this the range of bricks offered is inherently limited or their system design will accommodate nothing other than their special, purpose extruded shape.



Uniquely the Barracuda system accommodates the very wide range of brick size manufacturing tolerances. The range of **brick size tolerances stipulated within BS EN771-1 can be accommodated**.

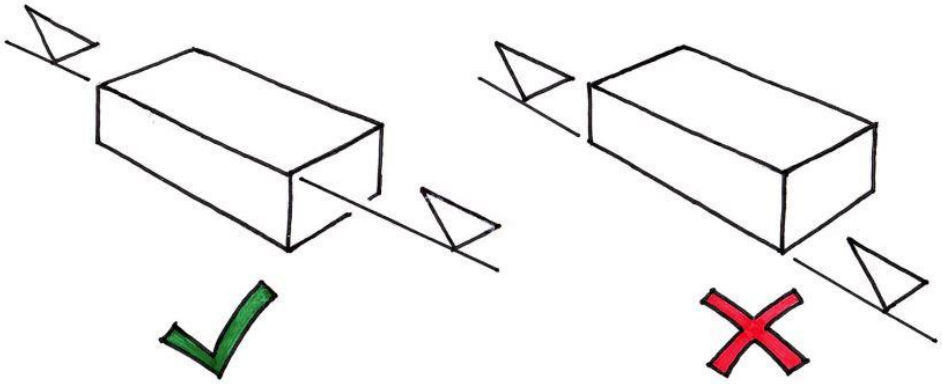
Real bricks can, and often do, exhibit a very wide range of dimensional variation. Of particular importance are variations in brick height or distortions of the brick that affect brick height.



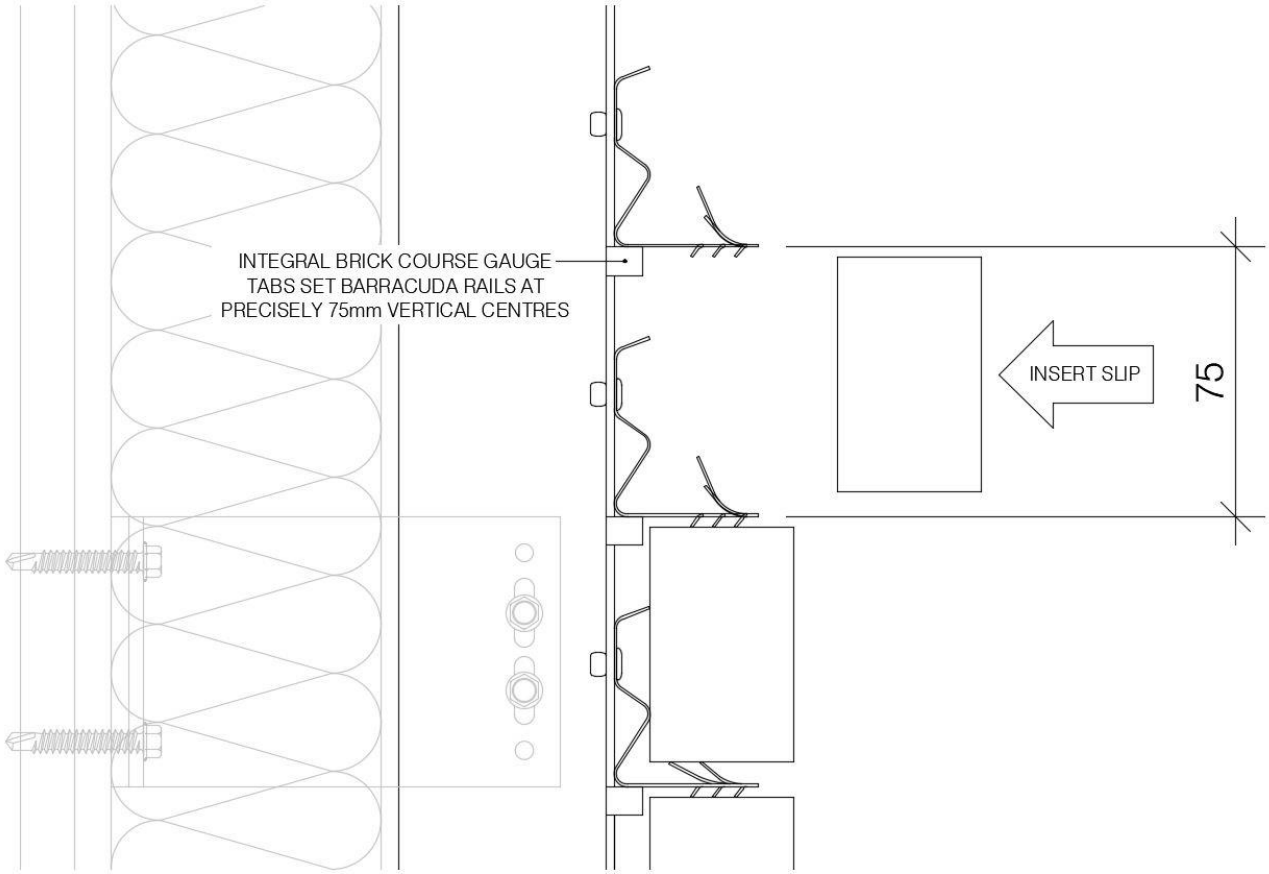
The Barracuda system will accommodate bricks that vary from 58mm high to 70mm high in the relative proportions in which these might occur according to BS EN771-1

The Barracuda system ‘automatically levels’ the brick slips so that the **top surfaces of the brick slip are aligned**. The sprung teeth bias the brick slip upwards so that its top surface bears against the underside of the Barracuda rail, **just like correctly laid traditionally brickwork**.

Current alternative systems typically and incorrectly align the bottom surfaces of the brick slips or their ‘mid-height’.



The Barracuda system is **easy to install**. The brick slips are a simple push fit and the backing structure has ‘gauge tabs’ that set the Barracuda rails at precisely 75mm (standard brick course) vertical centres.



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The Barracuda system provides the **very highest levels of performance**. The system has been **thoroughly independently tested**. The following test results have been achieved (test report copies are available upon request).

Watertightness - Static	Pass
Watertightness - Dynamic	Pass
Wind Resistance - Serviceability	Pass [2400 Pa]
Wind Resistance - Safety	Pass [3600 Pa]
Impact Resistance - Soft Body Serviceability	Class 1 [120 J]
Impact Resistance - Soft Body Safety	Negligible Risk [350J & 500J]
Impact Resistance - Hard Body Serviceability	Class 1 [3J, 6J & 10J]
Impact Resistance - Hard Body Safety	Negligible Risk [3J & 10J]

The Barracuda system is **highly durable**. The primary system rails are ‘all Stainless Steel’ and actively promote mortar joint durability. The mortar is ‘locked’ into place by enveloping the teeth. The simple ‘single cut’ slip also improves strength and durability.