

Stainless Steel Wall Starter systems join new walls to existing masonry, suitable for both internal and external brick or block walls. The connectors can be slotted together up to a maximum of 8 metres or 3 storeys high, from 60 to 250mm thick.

- Available in two grades of stainless steel.
- Full fixing instructions are provided in each pack.
- Each pack contains the fixings necessary for a single leaf wall up to 2.4m/8' high.
- Engineered for outstanding strength and performance.
- Tested by Lucideon Ltd.

### SPECIFICATION

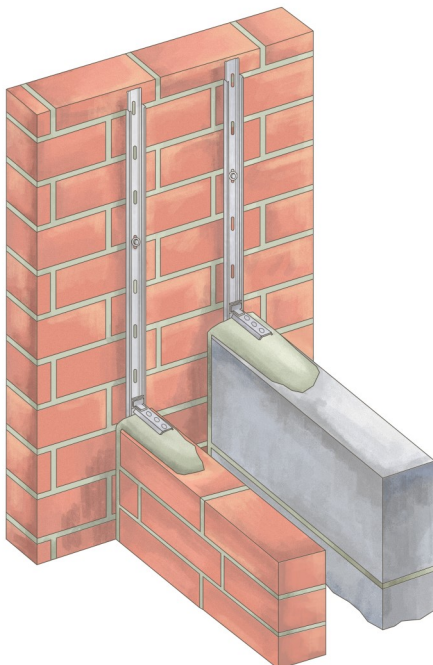
#### WST

- Grade 1.4301 austenitic stainless steel to EN 10088-2.

#### WSTV

- Grade 1.4015 ferritic stainless steel to EN 10088-2.

### INSTALLATION



#### Internal Walls

1. Plumb the lower connector against the existing wall so that it will be central to the new wall.
2. Mark the position of the fixing holes. Each connector should be fixed at three points, the first and last slot and in the centre. Ensuring that one fixing is at the point where the two connectors slot together and overlap. Fixings should be into brickwork and not mortar joints.
3. Drill and plug using an 8mm masonry drill bit and the plugs provided.
4. Fix the bottom two holes lightly using the stainless steel coach screws and washers.
5. Slot the upper connector into the lower one and repeat the above stages. The upper connector can be cut to length if required.
6. Tighten all fixings using a 10mm socket or box spanner.
7. Build wall in the conventional way with a full mortar joint between the existing and the new wall. Ties should be inserted at a maximum of 300 centres, every third brick course or each block course. Ensure that the ties and connectors are completely embedded with mortar.



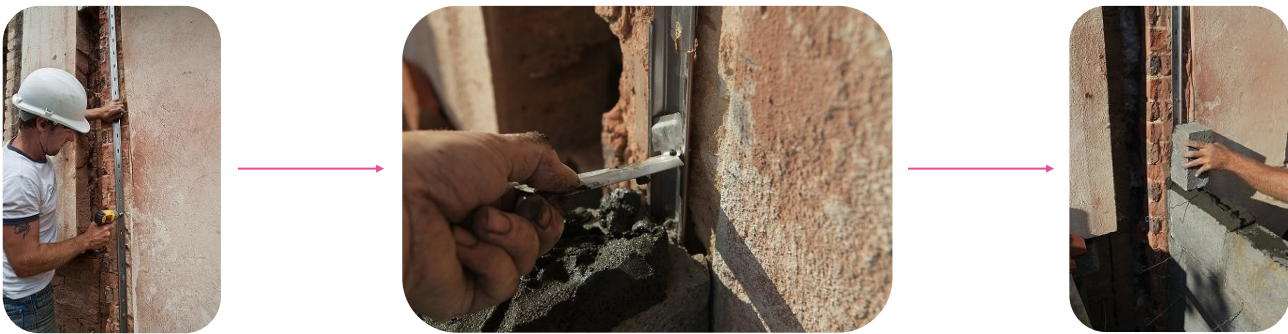
WSTV

## Cavity Walls

- Each leaf requires a separate starter system.

## External Walls

1. Ensure that the bottom edge of the connector is above the damp-proof course.
2. A weather seal of approximately 10mm should be created between the connector and the existing wall using a flexible mastic sealant or a compressible sealing strip.
3. Consult your Local Authority, as additional weather proofing may be required in accordance with local building regulations.



Code	Product	Product Dimensions (mm)		Kit Length ( 2 x Profiles) (mm)	Design Shear Strength per 2.4m	Box Qty.
		Profile Width	Profile Length			
Austenitic Stainless Steel (Grade 304)						
WST	Wallstarter	41	1200	2400	12kN (5kN/metre)*	10
Ferritic Stainless Steel (Grade 430)						
WSTV	Wallstarter	41	1200	2400	5.1kN (2.12kN/metre)*	10

\*Fixing into existing AAC block work with a compressive strength of 3.5N/mm<sup>2</sup>