Installation Guide

Applicable Products:

- This guide provides instructions for installing the SS/UWS Universal Stainless Steel Wall Starter System, which is designed for connecting new walls to existing masonry. The system is suitable for both internal and external brick or block walls, ranging from 60mm to 250mm in thickness. The connectors can be easily slotted together, allowing for a maximum height of 8 meters or 3 storeys.

Installation:

Prior to installation remove any render or debris from the existing wall.

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. Ensure 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 hole** 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 joints between the existing and new walls. Ties should be inserted at a maximum of 300mm centres, every third brick course or each block course. Ensure that the Tizen connectors are completely embedded within the mortar.

Cavity walls

- Each leaf requires a separate starter system.

External walls

- Ensure that the bottom edge of the connector is above the damp proof course, 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. Consult your local authority, as additional waterproofing may be required in accordance with local building regulations.

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