

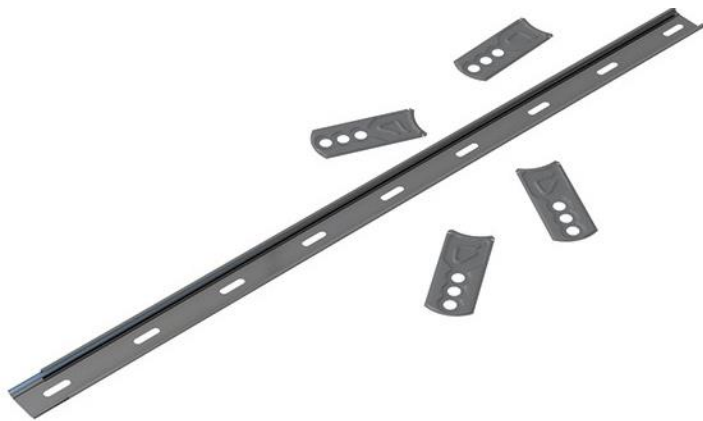


# V63 Stainless Steel Wall Starter System

Data Sheet

## Universal Stainless Steel Wall Starter System

The Vista Stainless Steel Wall Starter System joins 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.



### Product

#### V63 Universal Stainless Steel Wall Starter System

The Vista Stainless Steel Wall Starter System joins 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 storey high, from 60mm to 250mm thick.

The pack contains the fixings necessary for a single leaf wall up to 2.4m/8' which consists of:

- 2 no Wall connectors 1.2m long, stainless steel
- 5 no plugs, coach screws and washers
- 10 no wall connector ties, stainless steel

### Performance

SUMMARY OF V63 LOADS ACHIEVED			
'H' Wall Number	Load at 5mm Vertical Displacement (kN)	Load at 10mm Vertical Displacement (kN)	Shear Load at Failure (kN)
1	8.8	8.5	5.0
2	7.0	6.8	5.1
3	8.5	8.0	5.1

#### Safety Precautions

V63 Universal Stainless Steel Wall Starter System is manufactured from sheared plate and strip so may contain sharp edges. Suitable personal protection should always be used when handling/installing these products.

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### Installation

#### Internal Wall

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

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.

#### Cavity Walls

Each leaf requires a separate starter system.

#### External Wall

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 weatherproofing may be required in accordance with local building restrictions.

