



- Collar Joint Tie
- 2.5kN Shear Capacity
- 150 – 300mm Long
- BS EN 845 – 1 Compliant
- Grade 304 / 316 Stainless Steel
- Lucideon Tested



Product Description and Site Application

The ACS 2300 Range Tie is used in collar joint or double leaf applications where the cavity does not exceed 25mm. The tie can also be used in cavity wall applications where there is no risk of water bridging the cavity.

Test Results

The ACS 2300 Range Tie is available in grades 304 (BS EN 1.4301) and 316 (BS EN 1.4401) austenitic stainless steel in lengths from 150mm to 300mm in increments of 25mm as standard. According to BS EN 845-1 ties should be installed at a minimum density of 2.5 ties/m² at 900mm horizontal and 450mm vertical centres, staggered by 450mm between courses. ACS recommends that the ties are installed with a nominal embedment of 62.5mm. The 2300 Range Tie exceeds the minimum required shear capacity of 2.5kN.

Tests performed at Lucideon proved that the 2300 range tie has a measured dynamic stiffness of 36.8MN/m³ in a 100mm cavity and therefore is classed as a Type B tie in line with the guidance of Approved Document E of the Building Regulations.

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