

1200 Range Wire Tie

- ✓ Multi Dripped
- ✓ CE Marked
- ✓ BS EN 846-5 Tested
- ✓ BS 1243:1978 Compliant
- ✓ 200, 225, 250, 275 & 300mm Lengths
- ✓ Lucideon Tested



Installation

ACS 1200 Range Ties should be installed in line with the guidance of PD 6697: 2010 which stipulates that ties should be typically be installed at 900mm horizontal centres and 450mm vertical centres, staggered by 450mm between courses. This spacing should be reduced to 225mm around openings and at un-bonded edges within 300mm of the edge. Ties should be selected to provide 62.5mm of embedment in each leaf of masonry to ensure their performance under load after taking account of structural tolerances.

Tie Reference	Tie Length (mm)	Cavity Range (mm)
ACS1200/200	200	50-75
ACS1200/225	225	76-100
ACS1200/250	250	101-125
ACS1200/275	275	126-150
ACS1200/300	300	151-175

Technical Data

The ACS 1200 range tie is available in grades 304 and 316 austenitic stainless steel and is available in lengths of 200, 225, 250, 275, and 300mm to suit cavities from 50-175mm. The 1200 range tie is suitable for buildings up to 15m in height and should be installed at a minimum density of 2.5 ties/m². ACS recommends that the ties are installed with a nominal embedment of 62.5mm. Ties can be installed either way round due to the multi-drip feature, which prevents moisture from travelling across the cavity.

Tests performed at Lucideon proved that the 1200 range tie has a measured dynamic stiffness of 113MN/m³ in a 100mm cavity and therefore is classed as a

Type B tie in line with guidance of Approved Document E of the Building Regulations.

Test Results

	Mode of Test	Tie Length	Maximum Declared Value
		(mm)	(N)
BS EN 846-5 Brick Couplet Test	Compressive	200	1350
		225	1350
		250	1350
		275	700
		300	700
	Tensile	200	2692
		225	2692
		250	2692
		275	1800
		300	1800

For further information or technical assistance please contact the ACS Technical Department on 0870 850 0860 or email technical@acsstainless.co.uk

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