



- Type 1 - Heavy Duty Tie (PD6697:2019)
- Embedment 62.5-75mm
- Tested to BS EN 845 & 846
- Austenitic Stainless Steel
- Suits Cavities 175mm - 225mm

Installation

ACS 2000 Range Ties should be installed in line with the guidance of PD 6697: 2019 which stipulates that ties should 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 or opening. Ties should be selected to provide 62.5mm of embedment in each leaf of masonry to ensure their performance under load allowing for structural tolerances.

Tie Reference	Tie Length (mm)	Cavity Range (mm)
ACS2000XL/325	325	176-200
ACS2000XL/350	350	201-225

Technical Data

The ACS 2000 Range tie is a heavy duty cavity tie designed to meet the requirements of a Type 1 Cavity Tie in line with PD 6697: 2019. The 2000XL ties have a unique design which enables longer length ties to achieve the required compressive and tensile strength for Type 1 even at a 225mm cavity. The tie is intended to be used in a 10mm minimum mortar joint thickness at a minimum mortar class of M2 (iv).

The 2000XL tie introduces clear embedment markings at 62.5mm to aid with installation. Integrated drip features found upon the tie ensure that moisture cannot track across the cavity. The tie has been designed to minimise any sharp edges, however gloves should be worn when handling.

	Mode of Test	Tie Length (mm)	Maximum Declared Value (N)	BS EN 845-1 Required Value (N)	Mortar Class
BS EN 846-5 Brick Couplet Test	Compressive	350	2530	2000	M2 (iv)
	Tensile	350	3710	2500	M2 (iv)



FOR FURTHER INFORMATION OR TECHNICAL ASSISTANCE PLEASE CONTACT US
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