

GT2 - Type 2 Wall Tie

Datasheet

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The GT2 features a multi-drip section positioned at the centre of the tie, these drip features help stop moisture from crossing the cavity. The tie can be installed in either direction. Classified as a Type 2 tie, the GT2 can be used in buildings up to 15 metres in height. It is suitable for flat sites with basic wind speeds up to 31 m/s and at altitudes below 150 metres above sea level. The GT2 is also classified as a Type B tie.



CODE	LENGTH	CAVITY	UNITS
GT2-200	200mm	50-75mm	250 Box
GT2-225	225mm	76-100mm	250 Box
GT2-250	250mm	101-125mm	250 Box
GT2-275	275mm	126-150mm	250 Box

Testing

Testing as a Type 2 (Strength Tie)

The GT2 stainless steel wall ties in lengths, 275mm, 250mm and 225mm have been tested in both tension and compression across nominal cavity widths of 150mm, 125mm and 100mm respectively. Tests were carried out in accordance with **BS EN 846-6 Methods of Test for Ancillary Components for Masonry. Part 5; Determination of tensile and compressive load capacity and load displacement characteristics of wall ties (Couplet test)**.

Summary of Declared Values:

SIZE	TENSION	COMPRESSION
200mm	1957	1170
225mm	1957	1170
250mm	1914	1110
275mm	2200	1410

Testing as a Type B (Sound) tie

The GT2 stainless steel wall ties, in lengths 275mm, 250mm, 225mm and 200mm have been independently tested across cavity widths of 75mm, 100mm, 125mm and 150mm respectively. The tests assessed the ties' dynamic stiffness following the procedure described in **BRE Information Paper IP 3/01, Dynamic Stiffness of Wall Ties Used in Masonry Cavity Walls: Measurement Procedure**.

The testing carried out at Ceram Building Technology demonstrated that the GT2 wall tie achieved a measured dynamic stiffness value of 12.5 MN/m³ in a 100mm cavity, confirming its suitability for external walls at a standard installation density of 2.5 ties per square metre.

Additional Information

Material: Made from grade 304 stainless steel.

Fire Performance: Non-combustible, in accordance with national Building Regulations.

Durability: Outstanding corrosion resistance with a minimum service life of 60 years.

Compliance: Tested to BS EN 845-1 as Type B (sound) and Type 2 (strength).

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