

GT4 - Type 4 Wall Tie

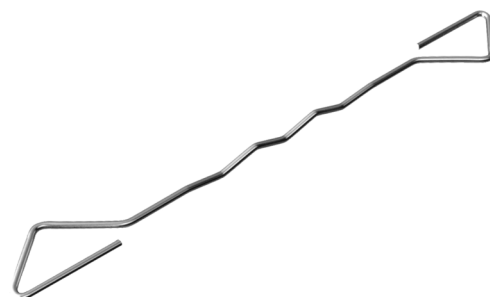
Datasheet

Datasheet Issue Date: 15th December 2025



The GT4 is available in three styles. The 200–250mm ties have a multi-drip feature positioned in the centre, the 275mm tie includes two offset double-drips spaced apart, and the 300mm tie has one offset double-drip. The 275mm and 300mm options are designed for wider cavities, ensuring that the drip sits clearly within the open space. These drip features help stop moisture from travelling across the cavity. All versions can be installed either way up.

The GT4 is classed as a Type 4 Wall Tie, meaning it can be used in buildings up to 10 metres high, on flat sites with basic wind speed below 25m/s and at altitudes under 150 metres. It is also rated as a type A, making it suitable for both party wall and external walls.



CODE	LENGTH	CAVITY	UNITS
GT4-200	200mm	50-75mm	250 Box
GT4-225	225mm	76-100mm	250 Box
GT4-250	250mm	101-125mm	250 Box
GT4-275	275mm	126-150mm	250 Box
GT4-300	300mm	151-175mm	250 Box

Testing

Testing as a Type 4 (Strength Tie)

The GT4 stainless steel wall ties in lengths 300mm, 275mm, 250mm and 225mm have been independently tested in both tension and compression across nominal cavity widths of 175mm, 150mm, 125mm, 100mm and 75mm respectively. Tests were carried out in accordance with BS EN 846-6: *Methods of Test for Ancillary Components for Masonry – Part 6: Determination of tensile and compressive load capacity and load-displacement characteristics of wall ties (Couplet test)*.

Summary of Declared Values:

SIZE	TENSION	COMPRESSION
200mm	1256	557
225mm	1256	557
250mm	1580	480
275mm	1640	380
300mm	1370	500

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Testing as a Type A (Sound) tie

The GT4 stainless steel wall ties in lengths 300mm, 275mm, 250mm, 225mm and 200mm have been independently tested across working cavity widths of 175mm, 150mm, 125mm, 100mm and 75mm 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 test results demonstrate that the GT4 wall tie achieves a dynamic stiffness of less than 4.8 MN/m³ when installed at the standard density of 2.5 ties per m², making it suitable for use in party walls. Consequently, the GT4 is classified as a Type A tie under Part E and complies with robust detail requirements.

Length	Cavity	No. (ties/m ²)	Measured dynamic stiffness MN/m ³
225mm	75mm	2.5	2.77
250mm	100mm	2.5	3.3
250mm	125mm	2.5	1.7
275mm	150mm	2.5	4
300mm	175mm	2.5	3.88

Additional Information

Material: Made from grade 304 stainless steel.

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

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

Compliance: Tested to BS EN 845-1 as Type A (sound) and Type 4 (strength).

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