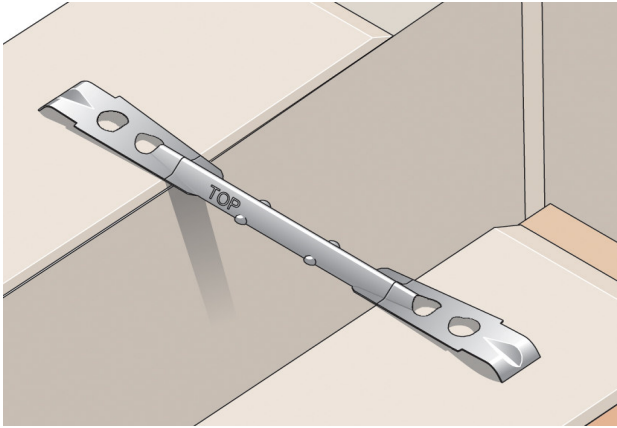


power-tie[®] TYPE 1 HEAVY DUTY CAVITY WALL TIE

PT1-200/ PT1-225/ PT1-250/ PT1-275/ PT1-300

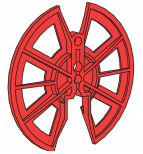


Cavity (mm)	Reference	Tie length (mm)
75	PT1-200	200
100	PT1-225	225
125	PT1-250	250
150	PT1-275	275
150	PT1-300	300

1.4301 Austenitic Stainless Steel to BS EN 10088-2 : 2005.

Supplied in boxes of 250

Insulation clip SSCD is also available



Standards and Conformity

BS EN 845-1 Specification For Ancillary Components in Masonry - Part 1 :Ties, tension straps, hangers and brackets.
Declared Loads over a 150mm cavity

Test	Mortar type	Declared value (N)
Tension	(i)	5196
Compression	(i)	5100
Tension	(iv)	3615
Compression	(iv)	4157

BS 5628-1 Code of practice for the use of masonry - Part 1: Structural use of unreinforced masonry.
Type 1 tie at a minimum embedment depth of 50mm over a 150mm cavity.

Features

Masonry guide marks on the body of the tie allow an easy visual check on tie embedment and cavity width.

“TOP” indicates the correct way up.

Water drips spaced across the cavity section allow the tie to be used in insulated or open cavities.

Safety ends reduce the risk of injury during handling and installation.

Light weight making installation quick, easy and economical.

Installation

Code of practice BS 5628-1 states that walls that have leaves 90mm or thicker should include wall ties at not less than 2.5 ties per m². Stagger wall ties in alternate courses at 900mm horizontal and 450mm vertical spacings. If least leaf thickness is less than 90mm, increase the number of ties to 4.9 ties per m² by reducing horizontal spacing to 450mm. Wall ties adjacent to openings in masonry panels, vertical movement joint locations or non returned edges should be positioned at a maximum 300mm vertical spacing and no more than 225mm away from the opening. The PT1 tie should be bedded the nominal 62.5mm shown by the integral masonry guide marks and the correct way up, into fresh mortar at the time of the wall construction. The cavity spanning section of the tie is to be kept free of mortar.

Accessories

The PT1 Type 1 Wall Tie can be used in conjunction with the Expamet Building Products SSCD insulation retaining clip. The cavity spanning section is uniform enabling the insulation clip to be positioned at any given point so that different thicknesses of insulation can be used.



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Contact information

Technical:
Telephone 01429 866655
Email technical@expamet.net
Fax 01429 866622

Sales:
Telephone 01429 866611
E-mail sales@expamet.net
Fax 01429 866622

Expamet Health and Safety

1. IDENTIFICATION

Expamet Building Products Limited
Greatham Street
Longhill Industrial Estate (North)
Hartlepool TS25 1PR
United Kingdom
Telephone 01429 866688
Fax 01429 866633

2. COMPOSITION

Stainless steel 1.4301 to BS EN 10088-1: 2005

3. HAZARDS IDENTIFICATION

Possible cuts from steel edges.
Toxic and irritant fumes from high temperatures.

4. FIRST AID MEASURES

Skin and eye contact: treat cuts from steel edges as required.
Ingestion: not applicable.
Inhalation: remove from source of fumes and dust.

5. FIRE FIGHTING MEASURES

Non-flammable material.

6. ACCIDENTAL RELEASE MEASURES

Not applicable.

7. HANDLING AND STORAGE

Use suitable PPE when handling all products. Assess manual handling risks before lifting. All products should be stacked on firm level ground in dry conditions.

8. EXPOSURE CONTROLS

Wear personal protection such as gloves and safety goggles when handling products.
Some products may have a film of soluble cutting fluid after manufacture; therefore carry out personal hygiene, including proper washing of hands, after contact.

Expamet operates a continuous development programme and we reserve the right to amend specification with prior notification

Expamet Building Products Limited, Greatham Street, Longhill Industrial Estate (North) Hartlepool TS25 1PR
Telephone 01429 866611 Fax 01429 866622 Email info@expamet.net



PT1DS/0906

