



## PT275

### GALLERY



### PRODUCT ATTRIBUTES

|                                   |   |
|-----------------------------------|---|
| <b>Brand</b>                      | Powertie                                    |
| <b>Generic Ref</b>                | PT275                                       |
| <b>Product Range</b>              | Wall Ties                                   |
| <b>Product Sub-range</b>          | Symmetrical Cavity Ties                     |
| <b>Product Type</b>               | Type 4 Housing Tie                          |
| <b>European Standard/ETA</b>      | BS EN845-1:2013+A1:2016                     |
| <b>Test Standard</b>              | BS EN846-5:2012                             |
| <b>Notified Body</b>              | Lucideon Ltd (NB 1289)                      |
| <b>DoP Ref</b>                    | EXP427CPR2013                               |
| <b>Material</b>                   | Stainless Steel 1.4301 to BS EN10088-3:2014 |
| <b>Coating/Finish/Colour</b>      | Mill Finish                                 |
| <b>Length 1/Projection</b>        | 275mm                                       |
| <b>Length 2/height</b>            | 2.8mm                                       |
| <b>Width/Wing Length</b>          | 28mm  |
| <b>Plaster/Render/Joist depth</b> | 10-12mm Bed Joint Thickness                 |
| <b>Material Gauge</b>             | 2.8mm                                       |

|                                      |   |
|--------------------------------------|---|
| <b>Individual Weight (kg)</b>        | 0.017652  |
| <b>Declared Tension Capacity</b>     | 1380N   |
| <b>Declared Compression Capacity</b> | 380N  |
| <b>Fire Rating</b>                   | Euroclass A1  |
| <b>Installation requirement 1</b>    | Cavity size 126-150mm   |
| <b>Installation requirement 2</b>    | Tie must be bedded and covered in fresh mortar before laying course above           |
| <b>Installation requirement 3</b>    | Minimum design embedment 62.5mm   |
| <b>Installation requirement 4</b>    | Tie spacings should be in accordance with PD6697                                    |
| <b>Installation requirement 5</b>    | For dwellings up to 10m high, not more than 3 storeys                               |
| <b>Unit of Sale EAN</b>              | 5014316022170   |
| <b>Sales Qty</b>                     | 250   |
| <b>Packaging material</b>            | Cardboard   |
| <b>Carton Ref</b>                    | TWB   |
| <b>Carton/Size</b>                   | 290 x 290 x 85  |
| <b>Packaging weight</b>              | 0.3   |
| <b>Packaged transit weight</b>       | 4.713   |
| <b>Features/Benefits 1</b>           | Type A to Part E of the building regulations (suitable for party wall construction) |
| <b>Features/Benefits 2</b>           | High tensile corrosion resistant stainless steel                                    |
| <b>Features/Benefits 3</b>           | Safety End prevents injury  |
| <b>Options 1</b>                     | For partial fill rigid insulation, use retaining disc ref: SSCD                     |

## HEALTH AND SAFETY INFORMATION

### 1. Identification

'Expamet'  
Birtley Group Ltd  
Mary Ave,  
Birtley,  
DH3 1JF  
UNITED KINGDOM  
(0191) 410 6631

### 2. Composition

Stainless Steel 1.4301 to BS EN10088-3:2014

### 3. Hazards Identification

Possible cuts from sharp 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

Bands and straps must not be used for lifting.  
Use suitable PPE when handling products.  
Assess manual handling risks before lifting.  
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.

### 9 Physical and chemical properties

Products are supplied in various lengths, widths and gauges.  
Metallic grey appearance.

### 10 Stability and reactivity

Products are stable under normal conditions but if subjected to high temperatures, fumes are produced.

### 11 Toxicological information

High temperatures can produce fumes.

### 12 Ecological information

No known Hazard.

### 13 Disposal considerations

Recycle or dispose of in accordance with Waste Management Licensing Regulations.

### 14 Transport information

Not classified as hazardous for transport.

**15 Regulatory information**

Products are articles and have no registration obligation under REACH.

**16 Other information**

All products must be installed in accordance with Expamet Building Products' published instructions.

Where structural products are to be removed from an existing installation, care must be taken to ensure that the procedure followed does not compromise the loading/installation restrictions applicable to the products.

Actual fixing installations must comply with current Health and Safety requirements.