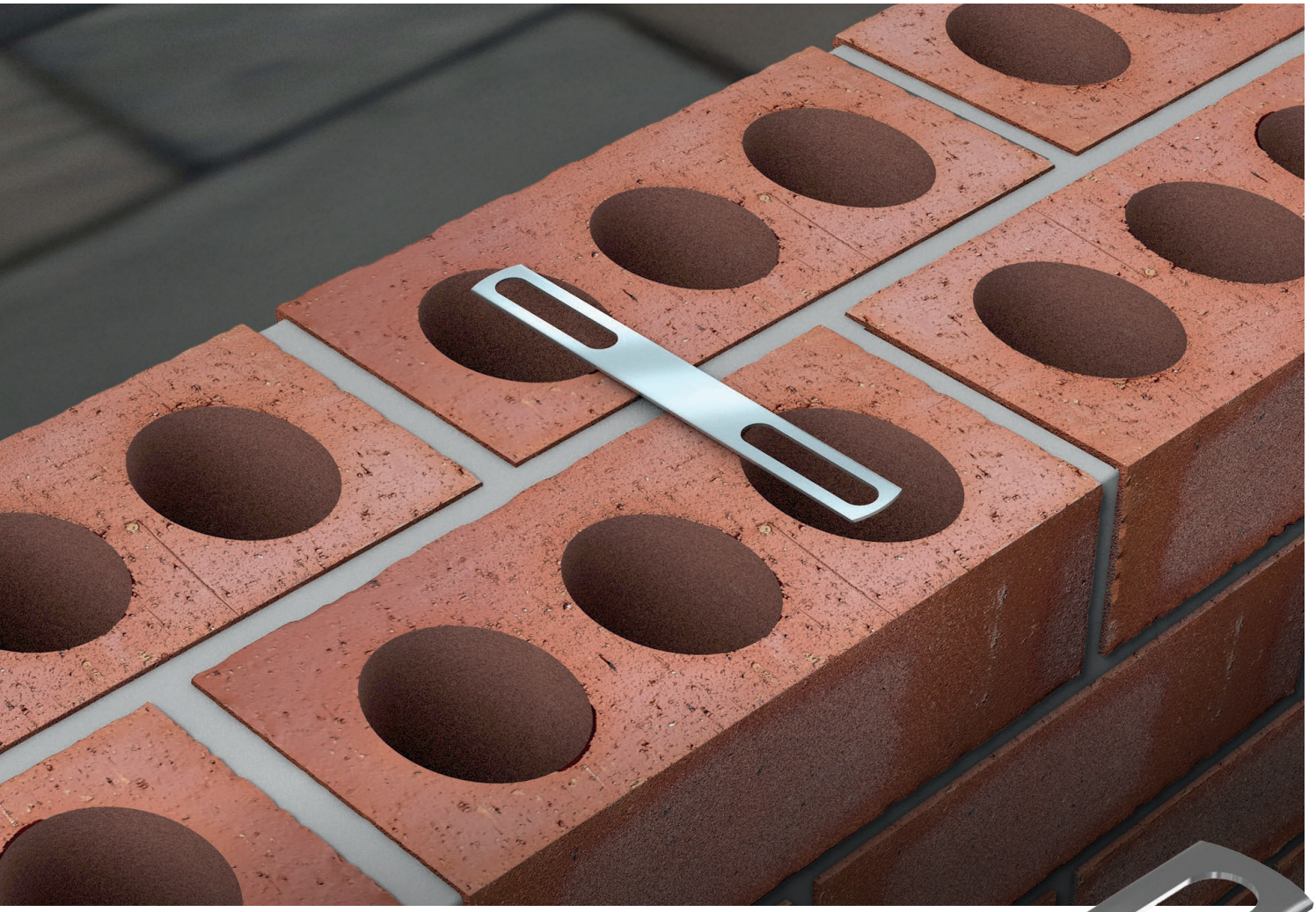
TECTIES
THE TANGLE FREE TIE COMPANY

DATASHEET/DECLARATION OF PERFORMANCE

TTSPS SAFETY PLAIN SAFETY TIES

TEC/DD/1010



The restraint **TTSPS Safety Plain Safety Tie** is a symmetrical shear tie designed to connect two leaves of a masonry wall. Manufactured from Grade 304 stainless steel with a 19 × 2 mm section, it is available in standard lengths of 150, 175, 200, 225, 250, 275 and 300 mm.

The TTSPS is not suitable for collar joint applications. For these applications, refer to the TTCJ Collar Joint Tie.



MADE IN BRITAIN

Check that you are using the most up to date version of this product information, **scan the QR code.**

TECTIES
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TTSPS SAFETY PLAIN SAFETY TIES

TEC/DD/1010

TTSPS PRODUCT ATTRIBUTES

Product Category	Restraint tie / TTSPS
Product Description	Symmetrical shear tie connecting two leaves of a masonry wall
Product Code	TTSPS
Product Brand Name	TTSPS Safety Plain Safety Ties

	150mm	175mm	200mm	225mm	250mm	275mm	300mm
Material Thickness	19 × 2 mm						
Material	Grade 304, 18/8 austenitic stainless steel strip						
Packaging	Boxed						
Boxed Qty	250						
Individual Weight	0.036 KG	0.043 KG	0.05 KG	0.06 KG	0.068 KG	0.072 KG	0.08 KG
Boxed Weight	9 KG	10.75 KG	12.5 KG	15.25 KG	17 KG	18 KG	20 KG

Packaging Material 	Cardboard Box **Widely Recyclable - Check with your local council guidelines** Please visit the Environmental Commitment page **here**
Storage	Boxes of stainless steel products to be stored indoors. Regular checks should be carried out to ensure packaging remains intact, ties remain clean, and there are no signs of corrosion, damage, or foreign material that could affect product quality or performance.
Safe Handling	Please visit the Handling Safety Information page **here**
Fire Rating	Euroclass A1

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DECLARATION OF PERFORMANCE

TecTies Ltd hereby declares that the TTSPS Safey Plain Safety Ties are in conformity with the provisions of **ZA Annex of BS EN 846-6:2012 and BS EN 845-1:2013+A1:2016**

Intended Use
Symmetrical shear tie for connecting two leaves of a masonry wall

Notified Body
Lucideon Limited, Queens Road, Penkhull, Stoke on Trent ST4 7LQ **Tel.** +44 (0)1782 764428

Notified Body Number 1289

Underwritten by TZUS – Prague

Notified Body Number 1020

The system of assessment and verification of constancy of performance for this construction product conforms to **System 3**

TTSPS Essential Characteristics

	150mm	175mm	200mm	225mm	250mm	275mm	300mm
Shear Load Capacity	2610N						
Tensile Load Capacity	1950N						
Displacement at 1/3 Load - Compression	0.65 mm						
Water Shedding Capability	Resistant						
Durability - Material Reference 3	Grade 304, 18/8 austenitic stainless steel strip to BS EN 10088-1						
Embedment Depth	62.5 mm						
Recommended Spacing	As required						
Minimum Mortar Designation	(iv)						
Minimum Mortar Joint Width	10mm						
Conformity Assessment	UKCA/UKNI						
Restriction	Not suitable for collar joint applications						
Fire Rating	A1						
Recorded test reference	Certificate 378; test reference 093858-17722, dated 01/07/2009. Ceram Test Certificate 378 - Shear Load.						
Testing	This report is of tests carried out by Ceram (Notified Body 1289) in accordance with: BS EN 846-5:2012: 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). Shear – Certificate 378, test reference 1.7.2009						

All tested product information is available on request. Please contact us for more information.

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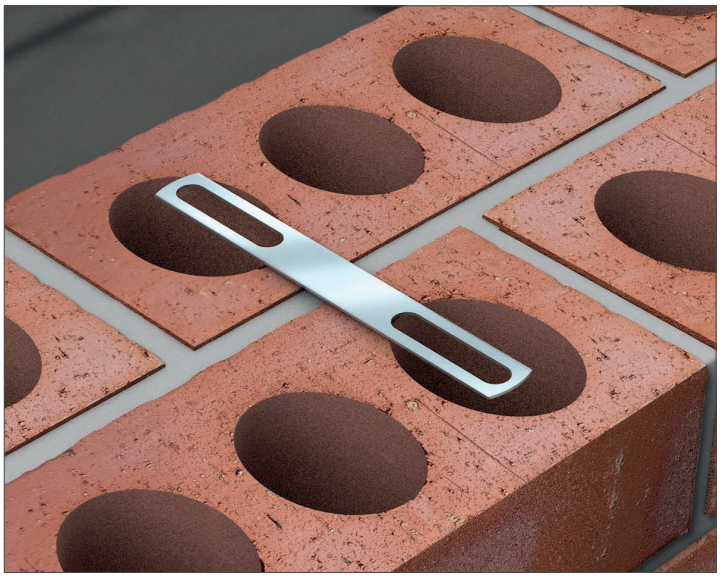
DATASHEET/DECLARATION OF PERFORMANCE

TTSPS SAFETY PLAIN SAFETY TIES

TEC/DD/1010

INSTALLATION GUIDANCE

The TTSPS Safety Plain Safety Tie is intended to connect two leaves of a masonry wall. It must not be used for collar joint applications; refer to TTCJ for these applications.



Selection and positioning

Select the tie length to suit the masonry arrangement and the specified embedment requirements. The appropriate spacing must be established for the particular application. As advised by a structural engineer.