



DECLARATION OF PERFORMANCE

1. Unique identification code of the product:
Asymmetrical Wall Tie and Channel
2. Type, batch or serial number or any other element allowing identification of the construction product as required under article 11(4):
**Superior Sections 25/14 Brick Tie Channel and Tec-Ties TTCH Channel Tie system
Conforms to the provisions of BS EN 845-1:2013**
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:
Wall tie system comprising of Tec-Ties TTCH Series Channel Ties (100mm–225mm) and Superior Sections 25/14 Brick Tie channel to connect a masonry leaf to a light steel frame or structural element using a 5.5mm dia. self-drilling, self-tapping fastener or stainless steel or high carbon steel usually (but not exclusively) through a rigid insulation board
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under article 11(5):
**25/14 Brick Tie Channel by Superior Sections Ltd
32 Regal Drive, Walsall Enterprise Park, Walsall WS2 9HQ, UK**

**TTCH Series Channel Ties by TecTies Limited,
Unit 4, Hurstfield Industrial Estate, Hague Bar, New Mills, High Peak, SK22 3AT**
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in article 12(2):
Not applicable
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CP, Annex ZA.1:
System 3
7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:
**Lucideon Limited, Queens Road, Penkhull, Stoke-On-Trent, Staffordshire, ST4 7LQ
Notified body No. 1289
Tests were performed in accordance with the requirements of BS EN 846-6:2012**
8. In case of the declaration of performance concerning a construction product for which a European technical assessment has been issued:
Not applicable
9. Declared performance:

Essential Characteristics		
Compressive Strength	Channel tie load capacity Tested at a maximum cavity width of 192.5mm	870N (bending of tie)
Tensile Strength	Channel tie interface load capacity at 225mm centres	2760N (Pull out of tie)
	Channel tie interface load capacity at 450mm centres	1080N (Pull out of tie)
Buckling or bending stiffness at 1/3 declared capacity in compression	Tested at a maximum cavity width of 192.5mm	0.34mm
Buckling or bending stiffness at 1/3 declared capacity in tension (applicable to 25/14 channel)	25/14 channel screw fixed at 225mm centres	1.09mm
	25/14 channel screw fixed at 450mm centres	1.56mm
Water shedding capability		Resistant
Durability	TTCH Steel Channel Tie	Ref R3, Steel Grade 1.4301 Stainless Steel
	25/14 Channel	Ref R3, Steel Grade 1.4301 Stainless Steel
Dangerous substances		NDP

10. This performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4:

Signed for on behalf of the manufacturer by:
Stuart Mason, Managing Director Superior Sections Ltd

Signature

Place and date

Walsall 20.03.2020