



Declaration of Performance

THORHELICAL®

DoP No.TJT-13/220116

- Product Type:** Asymmetrical Cavity Wall Tie
- Identification:** **Thor Helical Thin Joint Tie**
- Intended Use:** For connecting masonry façades to autoclaved aerated concrete
- Manufacturer:** Product Licensing Co Ltd t/a Thor Helical
KKM Buildings, Old Reservoir Road, Portsmouth PO6 1SU
- Authorised Representative** N/A
- System of Assessment (UK):** 3
System of Assessment (EU): 4, as per Article 37 of Regulation (EU) No 305/2011
- Technical Specifications:** EN 845-1: 2013 + A1: 2016
Test Method: EN 846-6: 2012
Technical Assessment (UK):: Lucideon Ltd (Approved Body No. 1289)
Technical Assessment (EU): Product Licensing Co Ltd t/a Thor Helical

9. Declared Performance

Cavity Width	Minimum Embedment Blockwork	Minimum Embedment Mortar	Minimum Mortar Class	Minimum Mortar Height	Strength of Autoclaved Aerated Concrete			
					2.8N/mm ² to 3.5N/mm ²		7.0N/mm ² to 10.0N/mm ²	
					Tension	Compression	Tension	Compression
50mm	85mm	55mm	Type M2	10mm	1100N	2030N	1800N	2030N
75mm	85mm	55mm	Type M2	10mm	1100N	1860N	1800N	1860N
100mm	85mm	55mm	Type M2	10mm	1100N	1770N	1800N	1770N
125mm	85mm	55mm	Type M2	10mm	1100N	1370N	1800N	1370N
150mm	85mm	55mm	Type M2	10mm	1100N	1100N	1800N	1100N
Essential Characteristics								
Water Shedding Capability:		Resistant						
Durability:		Material reference 3, Stainless Steel 1.4301/1.4401						
Dangerous Substances:		None						

10. Declaration

The performance of the products identified in points 1. & 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 and on behalf of the manufacturer on 16th January 2022 by:

David J Chadwick (Director)