



Declaration of Performance

THORHELICAL®

DoP No.CDHD-15/220129

1. **Product Type:** Symmetrical Tension Strap
2. **Identification:** **Thor Helical 12mm CD Tie**
3. **Intended Use:** For tying and strapping solid masonry and abutments
4. **Manufacturer:** Product Licensing Co Ltd t/a Thor Helical
KKM Buildings, Old Reservoir Road, Portsmouth PO6 1SU
5. **Authorised Representative** N/A
6. **System of Assessment:** 3
7. **Technical Specifications:** EN 845-1: 2013 +A1:2016
Test Method: EN 846-4
Technical Assessment (UK): Lucideon Ltd. (Approved Body No. 1289)
Technical Assessment (EU): TZÚS Praha, s.p. (Notified Body No. 1060)

9. **Declared Performance**

Substrate	Strength of Masonry	Pilot Hole Diameter	Tested Embedment Depth	Mean Tensile Load Capacity	Mean Load at 2mm Deflection
Brick	30.N/mm ²	8mm	215mm	8.45kN	4.51kN

Essential Characteristics

Durability:	Material reference 3, Stainless Steel 1.4301/1.4401
Dangerous Substances:	None

Due to the variable nature and progressive deterioration of masonry, we recommend on-site testing to establish project specific load capacities

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 29th January 2022 by:

David J Chadwick (Director)