

# DECLARATION OF PERFORMANCE

## THORHELICAL®

HEREBY DECLARES  
THAT THE PRODUCT RANGE IDENTIFIED AS,

### Thin Joint Wall Ties

**Conform to**

BS EN 845-1 and conditions for CE marking according to Annex ZA.1

**Intended Use**

Wall tie fixing for connecting a masonry wall to an aerated concrete wall.

<b>Performance Characteristics</b>	2.9N/mm <sup>2</sup> block	3.5N/mm <sup>2</sup> block	7.0N/mm <sup>2</sup> block
Tensile Load Capacity:	1410N	1673N	1888N
Compressive Load Capacity	930N	1346N	930N

**Conditions**

Cavity Width:	50mm to 150mm
Minimum Embedment:	Block 85mm / Brick 70mm
Minimum Mortar Class:	Type M2 (iv)
Minimum Mortar Joint Width:	10mm

**Essential Characteristics**

Water Shedding Capability:	Resistant
Durability:	Material reference 3, Steel grade 1.4301
Dangerous Substances:	None

**Notified Body**

CERAM Research Limited, Queens Road, Penkhull, STOKE-ON-TRENT  
ST4 7LQ, United Kingdom

**Notified Body Number**

1289

**Manufactured by:**

Thor Helical KKM Buildings,  
Old Reservoir Road, Portsmouth PO6 1SU

Products are subject  
to factory production  
management and control  
according to the  
requirements of the  
BS / EN 845-1

SIGNATURE OF AUTHORISED REPRESENTATIVE: \_\_\_\_\_

DAVID J CHADWICK, MANAGING DIRECTOR



DATE: 27TH JUNE 2013



DECLARATION NO 130627-0910