



# DECLARATION OF PERFORMANCE

NO. TFE140066



## SERIAL NUMBER, TYPE AND IDENTIFICATION:

CODE: TFHTB45, TFHTC45 & TFHTRC45. Ø 4.5mm, Pozi Recess, Double Csk Head.  
Tri-Lock™ Woodscrews

## INTENDED USE:

Load bearing structural timber products as per EN 14592:2008+A1:2012, Tab. ZA. 1

## TRADE REGISTERED NAME:

**HINGE-TITE® & HINGE-TITE® RAISED**

## ADDRESS OF MANUFACTURER:

Tite-Fix Ltd, Unit C11 Ledston Luck Enterprise Park, Ridge Road,  
Leeds, West Yorkshire. LS25 7BF England.

## DECLARATION OF PERFORMANCE CONCERNING A

CONSTRUCTION PRODUCT COVERED BY A HARMONISED STANDARD: EN 14592:2008+A1:2012, Tab. ZA. 1

## CERTIFICATION BODY:

Strojírenský zkušební ústav, s.p. (Notified Body 1015)

## SYSTEM OF ASSESSMENT:

System 3

## ISSUED CERTIFICATE:

E-30-20172-14

ISSUED ON BASIS: Determination of the product type on the basis of type testing 30-10117 of 2014-03-07

DIMENSIONS:	MATERIAL:	CORROSION PROTECTION:		SAFETY IN CASE OF FIRE:
HINGE-TITE® DIAMETER: 4.5mm LENGTH: 20 - 200mm	Carbon Steel	Zinc Coating (Service Class 1 According to EN1995-1-1)		Euroclass A1 (EN13501-1)
CHARACTERISTIC YIELD MOMENT: $M_{yk}$ (Nmm)	CHARACTERISTIC WITHDRAWAL PARAMETER: $f_{ax,k}$ (N/mm <sup>2</sup> )	CHARACTERISTIC HEAD PULL-THROUGH PARAMETER: $f_{head,k}$ (N/mm <sup>2</sup> )	CHARACTERISTIC TENSILE CAPACITY: $f_{tens,k}$ (KN)	CHARACTERISTIC TORSIONAL RATIO: $f_{tor,k}/R_{tor,k}$
6 118	LOADING ACROSS FIBRE: 16.48 LOADING ALONG FIBRE: 12.51	23.74	8.53	2.75
CHARACTERISTIC DENSITY OF TIMBER: $P^k$ (kg/m <sup>3</sup> )	410	410	-	450

The performance of the products identified is in conformity with the declared performance.

This declaration of performance is issued under the sole responsibility of the manufacturer above.

SIGNED ON BEHALF OF THE MANUFACTURER BY:



MICHAEL WILKINSON  
DIRECTOR

04<sup>th</sup> January 2021

DATE

Ledston, England

PLACE