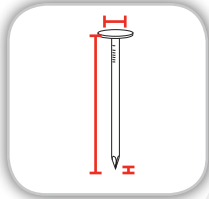


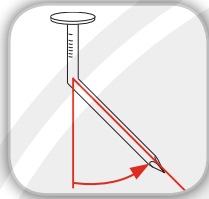
Galvanised ELH Clout Nails

Geometrical Testing				Test Report No.	Certificate No.	Characteristic yield moment $M_{y,k}$ (Nmm) In acc. with BS EN 409:2009	Characteristic withdrawal parameter $f_{ax,k}$ (N/mm ²) In acc. with BS EN 1382:2000		Characteristic head pull-through parameter $f_{head,k}$ (N/mm ²)	Characteristic tensile capacity $f_{tens,k}$ (N/mm ²)	Durability (Corrosion Protection) Service Class Note* 5 lots tested In cc. To EN1995-1-1
Diameter d (mm)	Length L (mm)	Head Area (mm ²)	Point Length (mm)				Loading across the fibre	Loading along the fibre			
3.00	13	76.42	4.09	30-10775/4	E-30-20418-16	4,001	3.35	2.23	25.12	2.51	2
3.00	20	76.42	4.09	30-10775/4	E-30-20418-16	4,001	3.35	2.23	25.12	2.51	2
3.00	25	76.42	4.09	30-10775/4	E-30-20418-16	4,001	3.35	2.23	25.12	2.51	2
3.00	30	76.42	4.09	30-10775/4	E-30-20418-16	4,001	3.35	2.23	25.12	2.51	2
3.00	40	76.42	4.09	30-10775/4	E-30-20418-16	4,001	3.35	2.23	25.12	2.51	2
3.00	50	76.42	4.09	30-10775/4	E-30-20418-16	4,001	3.35	2.23	25.12	2.51	2

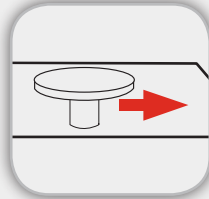
- Characteristic withdrawal parameter: Density of wood used: = 350 kg/m³. Conditioned at 20°C with humidity at 65%.
- Characteristic head pull-through parameter: Density of wood used: = 400 kg/m³.



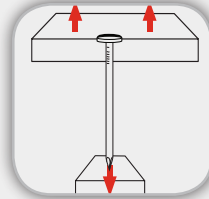
Geometrical



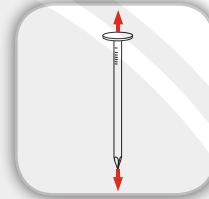
Yield Movement
In acc. with
BS EN 409:2009



Withdrawal Parameter
In acc. with
BS EN 1382:2000



Head Pull-through
In acc. with
BS EN 1383:2000



Tensile Ratio
In acc. with
BS EN 1383:2000



Durability

TIMCO



DECLARATION OF PERFORMANCE

DOP52 v2

We here by declare the following designated products

**TIMco ELH Clout Nails
Dimensions:**

Ø 3.00mm

Have been tested by the following independant testing organisation:

- Notified Body 1015
- Strojirensky Zkusebni Ustav, s.p., Czech Republic

And that they have performed initial type testing under system 3, Annex V of the regulation (EU) no. 305/2011 (Construction Products Regulation), with the reference to the harmonised European standard (hEN) BS EN 14592:2008+A1:2012 (Timber structures - Dowel type fasteners - Requirements) for nails intended for the use in "load bearing timber structures" and produced the calculation/test reports and certificates as listed below;

Factory Process Control (FPC) has been established by the factory and independently audited by TUV Rheinland UK in accordance with ISO9001:2008..

This declaration of conformity is valid until there is a significant change in the product and declared characteristics. ie. raw material or change in production process.

Signed by:

Name: *Simon Midwood*

Position: *Managing Director*

Date & Location: *12. 08. 2016
TIMco House, CW5 6BJ*

This declaration is the responsibility of the importer

T.I Midwood & Co. Ltd. Green Lane, Wardle, Nantwich, Cheshire, CW5 6BJ

