




DECLARATION OF PERFORMANCE

Solo Decking Screws

 DOP31 v2 21/06/2019	T.I.Midwood & Co Ltd, Green Lane, Wardle, Nantwich, Cheshire, CW5 6BJ 16	Meets the requirements detailed in Annex V of the following harmonized standard; BS EN 14592:2008 + 2012 Timber structure - Dowel type fasteners requirements We declare that when used as intended the products above comply with relevant sections of the specification and all applicable requirements of the directives.
	We hereby declare the following designated products; Solo Decking Screws Diameter - 4.5mm	

DIMENSIONS		
Diameter (mm)	4.5	
Head diameter (mm)	8.76	
Inner thread diameter (mm)	2.70	
MATERIAL		
Material	Carbon Steel	
FINISH & CORROSION PROTECTION		
Finish	Organic Green	
Corrosion Protection	Service Class 2	
MECHANICAL STRENGTH & STIFFNESS		
Characteristic yield moment $M_{y,k}$ (Nmm) in acc. with BS EN 409:2009	4541	
Test material for withdrawal parameter test	Timber (Condition - Density : 400kg/m ³ , Temperature : 20°C, Humidity : 65%)	
Characteristic withdrawal parameter $f_{ax,k}$ (N/mm ²) in acc. with BS EN 1382:2000	Across the fibre	16.32
	Along the fibre	11.56
Test material for head pull-through test	Timber (Condition - Density : 350kg/m ³ , Temperature : 20°C, Humidity : 65%)	
Head pull-through parameter $f_{head,k}$ (N/mm ²) in acc. with BS EN 1383:2000	20.09	
Characteristic tensile capacity $f_{tens,k}$ (kN) in acc. with BS EN 1383:2000	6.30	
Test material for torsional ratio test	Timber (Condition - Density : 450kg/m ³ , Temperature : 20°C, Humidity : 65%)	
Characteristic torsional ratio ($F_{tor,k}/R_{tor,k}$) in acc. with BS EN 15737:2010	3.01	
CERTS & REPORTS		
Certification Number	E-30-20177-16	
Test Report Number	30-10744	

The initial type testing has been carried out by independent notified body;

Strojirensky Zkusebni Ustav, NB # 1015, Hudcova 424/56B, 621 00 Brno-Medlanky, Czechia

FPC has been established by the factory and independently audited by TUV Rheinland UK in accordance with ISO9001

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.

Simon Midwood
Managing Director

20/04/2016

Date

TIMCO House, CW5 6BJ

Location