



DOP-DK10-01

## DECLARATION OF PERFORMANCE

Product Name / Code:     $\varnothing$  4.5mm Decking Screw

Intended Use:            Fixings for structural timber products

Manufacturer:            Trend Tool Technology Ltd. Odhams Trading Estate, St. Albans Road, Watford, WD24 7TR, UK

Authorised Representative:   Trend Tool Technology Ltd., 3rd Floor, Kilmore House, Park Lane, Spencer Dock, Dublin 1, Ireland

AVCP System 3            Initial Type Testing conducted by the notified body and Factory Production Control (FPC) is conducted by the manufacturer

Harmonised Standard:    EN 14592:2008+A1:2012

Notified Body:            STROJÍRENSKÝ ZKUŠEBNÍ ÚSTAV, s. p. Notified Body No.1015. Test report  $\varnothing$  4.5mm / No. 30-16482/JZ

FPC Certificate:           Not applicable

Declared performance		
Essential characteristics	Performance	Harmonised technical specification
<b>Mechanical Resistance:</b>		EN 14592:2008+A1:2012
Characteristic yield moment $M_{y,k}$ [Nmm]:	4.825	
Characteristic withdrawal parameter $f_{ax,k}$ [N/mm <sup>2</sup> ]	Perpendicular to the grain	
	Parallel to the grain	
Characteristic head pull-through parameter $f_{head,k}$ [N/mm <sup>2</sup> ]	49.77	
Characteristic tensile capacity $f_{tens,k}$ [kN]	3.17	
Characteristic torsional ratio $f_{tor,k} / R_{tor,k}$	3.50	
<b>Durability:</b>		
Material:	Carbon Steel AISI-1022	
Corrosion Resistance:	Ruspert Coated min. 3um (service class 3 acc. to EN 1995-1-1)	

The performance of the product identified above, is in conformity with the declared performances in the table above. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified above.

Signature

Neil McMillan  
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