




DECLARATION OF PERFORMANCE

TIMco Blackjax

 DOP29 v2 07/06/2019	T.I.Midwood & Co Ltd, Green Lane, Wardle, Nantwich, Cheshire, CW5 6BJ 13	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; TIMco Blackjax Gauge - 6, 8, 10	

DIMENSIONS				
Gauge		6	8	10
Head diameter (mm)		6.80	8.20	9.50
Inner thread diameter (mm)		2.30	2.70	3.25
MATERIAL				
Material		Carbon Steel		
FINISH & CORROSION PROTECTION				
Finish		Zinc & Black		
Corrosion Protection		Service Class 1		
MECHANICAL STRENGTH & STIFFNESS				
Characteristic yield moment $M_{y,k}$ (Nmm) in acc. with BS EN 409:2009	Thread	2959	5576	15711
	Smooth	-	-	12093
Test material for withdrawal parameter test		Timber (Condition - Density : 470kg/m3, Temperature : 20°C, Humidity : 65%)	Timber (Condition - Density : 470kg/m3, Temperature : 20°C, Humidity : 65%)	Timber (Condition - Density : 470kg/m3, Temperature : 20°C, Humidity : 65%)
Characteristic withdrawal parameter $f_{ax,k}$ (N/mm ²) in acc. with BS EN 1382:2000	Across the fibre	18.91	19.09	20.62
	Along the fibre	13.80	10.45	11.97
Test material for head pull-through test		Timber (Condition - Density : 420kg/m3, Temperature : 20°C, Humidity : 65%)	Timber (Condition - Density : 415kg/m3, Temperature : 20°C, Humidity : 65%)	Timber (Condition - Density : 425kg/m3, Temperature : 20°C, Humidity : 65%)
Head pull-through parameter $f_{head,k}$ (N/mm ²) in acc. with BS EN 1383:2000		33.77	27.06	25.62
Characteristic tensile capacity $f_{tens,k}$ (kN) in acc. with BS EN 1383:2000		4.53	7.76	8.89
Test material for torsional ratio test		Timber (Condition - Density : 450kg/m3, Temperature : 20°C, Humidity : 65%)	Timber (Condition - Density : 450kg/m3, Temperature : 20°C, Humidity : 65%)	Timber (Condition - Density : 450kg/m3, Temperature : 20°C, Humidity : 65%)
Characteristic torsional ratio ($F_{tor,k}/R_{tor,k}$) in acc. with BS EN 14592:2012		3.02	2.75	2.32
CERTS & REPORTS				
Certification Number		E-30-20084-13	E-30-20086-13	E-30-20087-13
Test Report Number		30-9807/2	30-9807/4	30-9807/5

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

11/06/2013

Date

TIMco House, CW5 6BJ

Location