DECLARATION OF PERFORMANCE

In-Dex Exterior Timber Screws

CE

DOP15 v3 14/06/2019

T.I.Midwood & Co Ltd, Green Lane, Wardle, Nantwich, Cheshire, CW5 6BJ
12

We hereby declare the following designated products;

In-Dex Exterior Timber Screws

Diameter - 6.7mm & 8.0mm

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.

DIMENSIONS			
Diameter (mm)		6.7	8.0
Head diameter (mm)		16.08	20.84
Inner thread diameter (mm)		4.40	5.60
MATERIAL			
Material		Carbon Steel	
FINISH & CORROSION PROTECTION			
Finish		Organic Green	
Corrosion Protection		Service Class 3	
MECHANICAL STRENGTH & STIFFNESS			
Characteristic yield moment $M_{y,k}$ (Nmm) in acc. with BS EN 409:2009	Thread	19078	31115
	Smooth	-	41694
Test material for withdrawal parameter test		Timber (Condition - Density : 415kg/m3, Temperature : 20°C, Humidity : 65%)	Timber (Condition - Density : 380kg/m3, Temperature : 20°C, Humidity : 65%)
Characteristic withdrawal parameter fax,k (N/mm^2) in acc. with BS EN 1382:2000	Across the fibre	18.49	17.60
	Along the fibre	7.86	10.92
Test material for head pull-through test		Timber (Condition - Density : 415 & 420kg/m3, Temperature : 20°C, Humidity : 65%)	Timber (Condition - Density : 400kg/m3, Temperature : 20°C, Humidity : 65%)
Head pull-through parameter fhead,k (N/mm^2) in acc. with BS EN 1383:2000	Hex	28.08	-
	Wafer	27.41	28.18
Characteristic tensile capacity ftens,k (kN) in acc. with BS EN 1383:2000		19.34	18.75
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%)
Characteristic torsional ratio (Ftor,k/Rtor,k) in acc. with BS EN 14592:2012		3.08	2.65
CERTS & REPORTS			
Certification Number		E-30-20438-12	E-30-20439-12
Test Report Number		30-9767/3	30-9767/4

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

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

19/04/2013
Date

TIMco House, CW5 6BJ
Location

DECLARATION OF PERFORMANCE

In-Dex Stainless Steel Timber Screws

CE

DOP15 v3 14/06/2019

T.I.Midwood & Co Ltd, Green Lane, Wardle, Nantwich, Cheshire, CW5 6BJ
12

We hereby declare the following designated products;

In-Dex Stainless Steel Timber Screws
Diameter - 6.7mm & 8.0mm

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.

DIMENSIONS			
Diameter (mm)		6.7	8.0
Head diameter (mm)		16.08	20.84
Inner thread diameter (mm)		4.40	5.60
MATERIAL			
Material		Austenitic Stainless Steel (A4-316)	Austenitic Stainless Steel (A2-304)
FINISH & CORROSION PROTECTION			
Finish		N/A	N/A
Corrosion Protection		Service Class 3	
MECHANICAL STRENGTH & STIFFNESS			
Characteristic yield moment $M_{y,k}$ (Nmm) in acc. with BS EN 409:2009		12815	18722
Test material for withdrawal parameter test		Timber (Condition - Density : 415kg/m3, Temperature : 20°C, Humidity : 65%)	Timber (Condition - Density : 415kg/m3, Temperature : 20°C, Humidity : 65%)
Characteristic withdrawal parameter fax,k (N/mm^2) in acc. with BS EN 1382:2000	Across the fibre	18.78	15.88
	Along the fibre	11.52	6.64
Test material for head pull-through test		Timber (Condition - Density : 415kg/m3, Temperature : 20°C, Humidity : 65%)	Timber (Condition - Density : 415kg/m3, Temperature : 20°C, Humidity : 65%)
Head pull-through parameter fhead,k (N/mm^2) in acc. with BS EN 1383:2000	Hex	26.72	-
	Wafer	-	26.00
Characteristic tensile capacity ftens,k (kN) in acc. with BS EN 1383:2000		8.44	10.63
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%)
Characteristic torsional ratio (Ftor,k/Rtor,k) in acc. with BS EN 14592:2012		1.79	1.70
CERTS & REPORTS			
Certification Number		E-30-20436-12	E-30-20437-12
Test Report Number		30-9767/1	30-9767/2

The initial type testing has been carried out by independent notified body;
Strojirensky Zkusebni Ustav, NB # 1015, Hudcova 424/56B, 621 00 Brno-Medlánky, 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

19/04/2013
Date

TIMco House, CW5 6BJ
Location