

Declaration of Performance - DoP 337/2024-1

TOPKON®, Outdoor – wood Screw

1. Unique identification code of the product-type: NKT Fasteners – TOPKON®+ Outdoor.
2. Intended use: For load-bearing wooden structures according to Eurocode 5
3. Manufacturer: ITW Construction Products ApS, Gl. Banegaardsvej 25, DK-5500 Middelfart
4. Authorised representative: N/A
5. System of AVCP: 3
6. a. Harmonized standard: EN 14592:2008+A1:2012

Notified bodies :

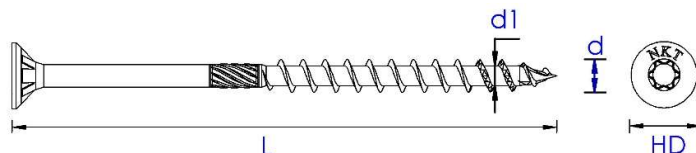
Strojirensky zkusebni ustav, s.p. [no. 1015]
Tovarni 5
CZE-466 21 JABLONEC nad Nisou

7. Declared performance: See table 1

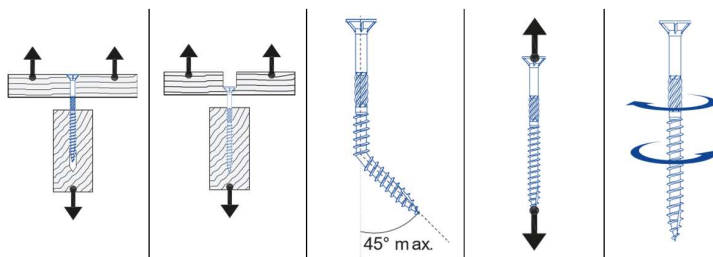
The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Malene Kajberg
QHSE Manager
Middelfart, 18.04.2024



Service Class	3
Symbol	
C-class	C4
Corrosion protection	Outdoor
Material	AISI 1022
Steel standard	ASTM A510



Tabel 1

Nominal diameter	Length	Core-diameter	Head-diameter	Withdrawal Strength	Head Pull-through	Yield moment	Yield strength	Torsions-ratio
d	L	d1	HD	$f_{ax,k}$	$f_{head,k}$	$M_{y,k}$	$f_{tens,k}$	$f_{tor,k}/R_{tor,k}$
[mm]	[mm]	[mm]	[mm]	[N/mm ²]	[N/mm ²]	[Nmm]	[kN]	
6,0	≤ 150	3,6	11,8	14	22	7800	13,2	5,4
6,0	160-240	3,6	11,8	13	22	9300	13,8	5,7

The declared values according to EN 14592:2008 + A1:2012

$f_{ax,k}$ and $f_{head,k}$ are tested at a characteristic wood density of 350kg/m³. Torsional ratio is tested at a characteristic wood density of 450 kg/m³

Screws covered by this DoP holds a threaded length of >4d.

Service class determined according to EN 1995-1-1.

NKT
FASTENERS