



Declaration of Performance

No. DEW990020

Expandet Decking Screw INOX A4 (316)

Intended use or uses of the construction product according to EN 14592+ A1:2012	
Generic type	Self-tapping woodscrews for use in load bearing timber structures.
Material	Stainless steel acc. EN 10088-1
Durability	Service class 1,2 & 3 acc. Eurocode EN 1995-1-1
Surface coating	Type 2
Fire Reaction	A1 according to EN13501-1
Notified Body (ITT)	Danish Technological Institute (Notified Body 1235)
Under AVCP System	3

Declared performances according to EN 14592 + A1:2012				
Essential Characteristics			Performance	
Nominal diameter (d)		[mm]	4,3	4,8
d _h	Head Diameter	[mm]	7,0	7,5
d ₁	Inner thread diameter	[mm]	2,6	2,8
M _{y,k} (M _{y,Rk})	Characteristic Yield Moment	[Nmm]	2500	4000
f _{ax,k}	Characteristic Withdrawal parameter (ρ _a = 350 kg/m ³)	[N/mm ²]	9,5	
f _{head,k}	Characteristic head pull-through parameter (ρ _a = 390 kg/m ³)	[N/mm ²]	14	
f _{tens,k}	Characteristic tensile capacity	[N]	3600	5200
f _{tor,k} / R _{tor,k}	Torsional ratio (ρ _a = 477 kg/m ³)	[-]	> 1,5	
Durability			Austenitic Stainless steel (molybdenum chrome nickel alloy) Service Class 1,2 & 3 acc. Eurocode 1992-1-1	

The performance of the product identified above is in conformity with the set of declared performance/s. 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:

Date and place: 12-05-2014, Græsted

Peter van der Wel, Managing Director