

# DECLARATION OF PERFORMANCE

Nr: WS-5.0-CSK-C1 en

1. Unique identification code of the product-type:

Wood screw 5,0 mm C1

2. Article number:

146113, 146114, 146116, 146118, 146120, 146122, 81146110, 81146113, 81146114, 81146116, 81146118, 81146122, 81146123, 146016, 146013, 146014, 146018, 146020, 146022

3. Intended use:

Dowel-type fasteners for use in load bearing timber structures in accordance with EN 14592

4. Manufacturer:

ESSVE Produkter AB  
Box 7091  
SE 164 07 Kista  
Sweden

info@essve.se

5. System of AVCP:

3

6. Notified body:

1015

7. Declared performance:

Essential characteristics	Performance	Harmonised technical specification
$M_{y,k}$ [Nmm]	4900	EN 14592:2008+A1:2012
$f_{ax,k}$ [N/mm <sup>2</sup> ] for $\rho_k = 350 \text{ kg/m}^3$	15,8	EN 14592:2008+A1:2012
$f_{head,k}$ [N/mm <sup>2</sup> ] for $\rho_k = 350 \text{ kg/m}^3$	21,7	EN 14592:2008+A1:2012
$f_{tens,k}$ [kN]	7,8	EN 14592:2008+A1:2012
$f_{tor,k}$ [Nm] / $R_{tor,k}$ [Nm] $\geq 1,5$	1,6 ( $\rho = 450 \text{ kg/m}^3$ )	EN 14592:2008+A1:2012
Durability (i.e. corrosion protection)	Service class 2 acc. to EN 1995-1-1	EN 14592:2008+A1:2012
$d_1$ [mm]	3,1	EN 14592:2008+A1:2012

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:



Lisa Frode, Product Developer

Kista 2023-11-15