

# DECLARATION OF PERFORMANCE

Nr: WS-8.0-WAF-A4 en

1. Unique identification code of the product-type:  
Wood screw WAF 8,0 Stainless steel A4

2. Article number:  
113325, 113330, 113334, 113338, 113340, 10003727, 10003724, 10003725, 10003726

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]   | 10200                               | EN 14592:2008+A1:2012              |
| $f_{ax,k}$ [N/mm <sup>2</sup> ] for $\rho_k = 350 \text{ kg/m}^3$   | 15,4                                | EN 14592:2008+A1:2012              |
| $f_{head,k}$ [N/mm <sup>2</sup> ] for $\rho_k = 350 \text{ kg/m}^3$ | 22,5                                | EN 14592:2008+A1:2012              |
| $f_{tens,k}$ [kN]   | 11                                  | EN 14592:2008+A1:2012              |
| $f_{tor,k}$ [Nm] / $R_{tor,k}$ [Nm] $\geq 1,5$                      | 1,5 ( $\rho = 450 \text{ kg/m}^3$ ) | EN 14592:2008+A1:2012              |
| Durability (i.e. corrosion protection)                              | Service class 3 acc. to EN 1995-1-1 | EN 14592:2008+A1:2012              |
| $d_1$ [mm]  | 5,3                                 | 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 2023-10-25