

# DECLARATION OF PERFORMANCE

Nr: N-GROOVE-2.8-HDG-96938 en

1. Unique identification code of the product-type:  
grooved nails 2,8 HDG

2. Article number:  
522037, 777185, 777184, 777186, 10003918

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]	4700	EN 14592:2008+A1:2012
$f_{ax,k}$ [N/mm <sup>2</sup> ] for $\rho_k = 350 \text{ kg/m}^3$	2,4	EN 14592:2008+A1:2012
$f_{head,k}$ [N/mm <sup>2</sup> ] for $\rho_k = 350 \text{ kg/m}^3$	25	EN 14592:2008+A1:2012
$f_{tens,k}$ [kN]	5	EN 14592:2008+A1:2012
Durability (i.e. corrosion protection)	Service class 3 acc. to EN 1995-1-1	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 2023-10-25