

DECLARATION OF PERFORMANCE

Nr: N-SQUARE-2.8-M.Fusion en

1. Unique identification code of the product-type:
Square nails 2,8 mm M-FUSION

2. Article number:
772364, 772366, 772368, 10003347, 10000730

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:
0402

7. Declared performance:

| Essential characteristics | Performance | Harmonised technical specification |
|---|-------------------------------------|------------------------------------|
| $M_{y,k}$ [Nmm] | 2620 | EN 14592:2008+A1:2012 |
| $f_{ax,k}$ [N/mm ²] for $\rho_k = 350 \text{ kg/m}^3$ | 2,5 | EN 14592:2008+A1:2012 |
| $f_{ax,k}$ [N/mm ²] for $\rho_k = 430 \text{ kg/m}^3$ | 3,7 | EN 14592:2008+A1:2012 |
| $f_{head,k}$ [N/mm ²] for $\rho_k = 350 \text{ kg/m}^3$ | 8,6 | EN 14592:2008+A1:2012 |
| $f_{head,k}$ [N/mm ²] for $\rho_k = 430 \text{ kg/m}^3$ | 12,9 | EN 14592:2008+A1:2012 |
| $f_{tens,k}$ [kN] | NPD | 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 2023-11-01