

Declaration of Performance

No: 1121

1. Unique identification code of the product-type: 1121

2. Intended use/es: 34° 'D' head ring shank nails for structural timber products.
Diameter: 3.1
Length: 75mm

3 & 4. Name and address of the manufacturer or his authorised representative:

Tacwise Group Plc
Unit 1 Connections Business Park,
Otford Road, Sevenoaks, Kent
TN14 5DF
UK

5. System/s of AVCP: 3

6a. Harmonised standard: EN 14592:2008+A1:2012 Timber structures – Dowel-type fasteners – Requirements

Notified body/ies: NB 1015

7. Declared performance/s:

Essential characteristics	Declared Performance	Mandated levels and/or classes
Mechanical strength and stiffness:		
a) Characteristics yield moment (to cover strength and stiffness) for: Nails	$M_{y,k} = 2\,772 \text{ Nmm}$	-
b.1) Characteristics withdrawal parameter – perpendicular to the grain (to cover strength) for: Nails	$f_{ax,k} = 10,91 \text{ N/mm}^2$ Characteristic timber density $\rho_k = 350 \text{ kg/m}^3$	-
b.2) Characteristics withdrawal parameter – parallel to the grain (to cover strength) for: Nails	$f_{ax,k} = 7,09 \text{ N/mm}^2$ Characteristic timber density $\rho_k = 350 \text{ kg/m}^3$	-
c) Characteristics head pull-through (to cover strength) for: Nails	$f_{head,k} = 27,14^{\text{D head}} \text{ N/mm}^2$ Characteristic timber density $\rho_k = 350 \text{ kg/m}^3$	-
d) Characteristics tensile capacity (to cover strength) for: Nails	$f_{tens,k} = 4,74 \text{ kN}$	-
Durability (i.e. corrosion protection), where relevant, for: Nails		
EG12 (12 μm) (Service Class 2 acc. To EN 1995-1-1)		-

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.

The statements made here should describe the product with regard to the necessary safety precautions. They are not meant to guarantee definite characteristics, but they are based on our present up to date knowledge.

Signed for and on behalf of the manufacturer: 24/08/2023. Tacwise Group Plc, Sevenoaks, UK.