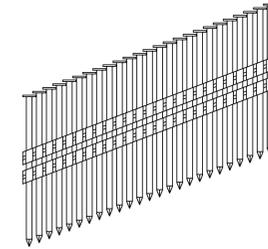


**TRADEX Group**  
wires in motion

# DECLARATION OF PERFORMANCE

*Plastic strip nails, Full Round Head*  
*Smooth Shank – Bright Basic*



**Document No:** CE\_DOP\_NSP\_LB\_01

for structural timber products

**Strips information:**

Plastic strip nails 21°, Full Round head

**Finishing information:**

Bright Basic

**for Service Class 1 – according to EN 1995 – 1 – 1**

**Nail Dimensions:**

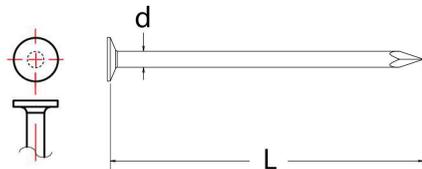
Diameter: 2,9 and 3,1 mm

Length: from 50 to 100 mm

**Properties of the material used:**

- non alloy wire rod in accordance with EN 10016-1 to 4

- tensile strength in accordance with EN 10218-1, min. 700 N/mm<sup>2</sup>



**The manufacturer declares for**

**Smooth shank nail, full round head 21° plastic collated, 2,9 and 3,1 mm:**

a) That the product has been manufactured in accordance with EN 14592:2008+A1:2012 “Timber Structures – Dowel-type fasteners – Requirements”.

b) Initial Type Testing has been performed to identify and confirm essential characteristic values in accordance with table ZA.1 in EN 14592. Those characteristic values are indicated together with the CE mark on product labels and in the table here below.

c) Initial Type Testing was performed by VHT notified body 1503

ITT Report No: 703-09/2,9 bright smooth

ITT Report No: 703-09/3,1 bright smooth

d) Assessment and verification of constancy of performance is in compliance with System 3.

e) Any and all of the nails covered by this Declaration of Performance are identical to the nails that the ITTs were originally issued for. Neither the geometrical specification, raw wire or production process have undergone any changes that would affect the relevant properties of the nail according to 14592:2008+A1:2012, e.g. characteristic withdrawal parameter  $f_{ax,k}$ , head pull-through parameter  $f_{head,k}$ , characteristic yield moment  $M_{y,k}$  or corrosion protection as declared in the first place.

ARTICLE	NOMINAL DIAMETER d (mm)	NOMINAL LENGTH L (mm)	HEAD AREA A <sub>h</sub> (mm <sup>2</sup> )		Withdrawal Parameter $f_{ax,k}$ (N/mm <sup>2</sup> ) *		Head Pull Trough Parameter $f_{head,k}$ (N/mm <sup>2</sup> ) *		Yield Moment $M_{y,k}$ (Nmm)
					EN 1995 – 1 – 1		EN 1995 – 1 – 1		EN 1995 – 1 – 1
NSP29/50LB	2,9	50	35,8		2,45		8,57		2610
NSP29/65LB		65	35,8		2,45		8,57		2610
NSP29/75LB		75	35,8		2,45		8,57		2610
NSP31/75LB	3,1	75	38,5		2,45		8,57		3410
NSP31/90LB		90	38,5		2,45		8,57		3410

\*calculated in wood with a characteristic density of 350 kg/m<sup>3</sup>

2013 July 1st, Casalecchio di Reno

Marketing Manager, Valentina Ratti