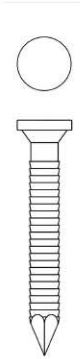
TRADEX Group
wires in motion

DECLARATION OF PERFORMANCE

Loose Anchoring nails

Double Ring Shank – Electro Galvanized 12 µ

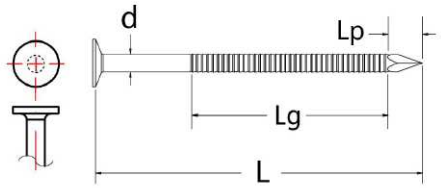


Document No: CE_DOP_NLA_RG3_01
for structural timber products

Finishing information:
Electrolytic Galvanized – 12 µm **for Service Class 1, 2 – according to EN 1995 – 1 – 1**

Nail Dimensions:
Diameter: 4,0 mm
Length: from 35 to 60 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/mm²



CE

The manufacturer declares for
Double Ring Anchoring nail, full round head, 4,0 mm:

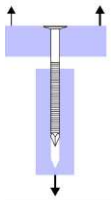
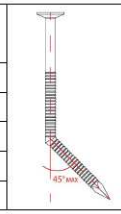
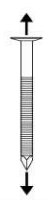
a) That the product has been manufactured in accordance with EN 14592:2008+A1:2012 "Timber Structures – Dowel-type fasteners – Requirements".

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: PB-641-12-anc-4.0eg-130409-La

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 fax,k, head pull-through parameter fhead,k, characteristic yield moment My,k or corrosion protection as declared in the first place.

ARTICLE	NOMINAL DIAMETER d (mm)	NOMINAL LENGTH L (mm)	HEAD AREA A_h (mm²)	POINT LENGTH L_p (mm)	THREADED LENGTH L_g (mm)		Withdrawal Parameter $f_{ax,k}$ (N/mm²) *		Yield Moment $M_{y,k}$ (Nmm)		Tensile Capacity $f_{tens,k}$ (N) *
							EN 1382		EN 1009		EN 1383
NLA40/35RG3	4,0	35	23,8	4,0	21		11,09		6020		7164
NLA40/40RG3		40	23,8	4,0	26		11,09		6020		7164
NLA40/50RG3		50	23,8	4,0	36		11,09		6020		7164
NLA40/60RG3		60	23,8	4,0	46		11,09		6020		7164

**tested in wood with a characteristic density of 350 kg/m³*

2013 July 1st, Casalecchio di Reno

Marketing Manager, Valentina Ratti