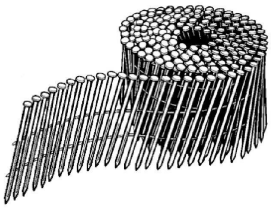
TRADEX Group
wires in motion

DECLARATION OF PERFORMANCE

Wire collated nails, Full Round Head
Ring Shank – Bright Basic



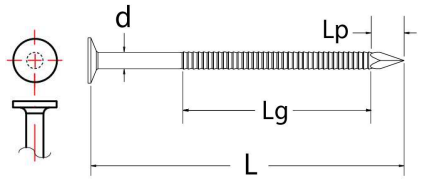
Document No: **CE_DOP_NCE_RB_01**
for structural timber products

Strips information:
Wire collated nails 16°, 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/mm²



CE

The manufacturer declares for
Ring shank nail, full round head 16° wire collated, 2,9 and 3,1 mm:

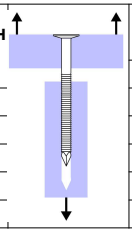
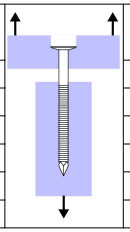
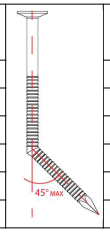
a) That the product has been manufactured in accordance with EN 14592:2008+A1:2012 "Timber Structures – Dowel-type fasteners – Requirements".

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

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) *		Head Pull Trough Parameter $f_{head,k}$ (N/mm²) *		Yield Moment $M_{y,k}$ (Nmm)
							EN 1382		EN 1383		EN 1009
NCE29/50RB	2,9	50	35,8	4	24		8,36		16,66		3060
NCE29/57RB		57	35,8	4	31		8,36		16,66		3060
NCE31/60RB		60	38,5	4,1	33,9		7,24		13,82		3490
NCE31/80RB	3,1	80	38,5	4,1	53,9		7,24		13,82		3490
NCE31/90RB		90	38,5	4,1	63,9		7,24		13,82		3490

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

2013 July 1st, Casalecchio di Reno

Marketing Manager, Valentina Ratti