

NOW
with **ETA**



TOOL- FEATURES

- Specially designed for LIGNOLOC® wooden nails
- High power, no predrilling necessary
- Lignin welding process due to high nailing speed

LIGNOLOC® WOODEN NAILS

- Ecologically sustainable
- No wood glue necessary
- Much faster than wood dowels
- Made of German beech wood
- Resistant to decay due to resin infusion
- No corrosion and streaking on wood
- EPD available

EUROPEAN TECHNICAL ASSESSMENT (ETA) FOR LIGNOLOC®

The European Technical Assessment (ETA) was granted to the LIGNOLOC® wooden nail without head for structural timber construction. The collated nail made of wood can now be used in load bearing timber constructions throughout the EU.

DESCRIPTION

LIGNOLOC® is the first ever pneumatically driven wooden nail for future-oriented use in industrial production and ecological timber construction (among many other applications).

The revolutionary LIGNOLOC® wooden nails are made from indigenous beech wood and provide a maximum tensile strength similar to that of aluminium nails. Their mechanical properties allow the nails to be driven into solid structural timber* and wooden materials with the FASCO® LIGNOLOC® pneumatic nailer, without predrilling, to form an inseparable bond with the timber.

* for wood with a density of 350 to 500 kg/m³ and in compliance with edge distances specified in Eurocode 5

F60 CN15-PS90-H LIGNOLOC®

APPLICATIONS

- Laminated wood construction & solid wood wall systems
- Solid wood applications
- Decorative interior timber cladding
- Wooden furniture, sauna construction, reclaimed wood processing
- Floors: OSB & solid wood floorboards
- Boat building, wooden coffins, fixing boards

HANDLING

1. Adjust magazine plate to nail length
2. Position first nail in nose channel and align top wooden nails with upper edge loading channel
3. Connect air supply
4. Avoid a dry or dirty tool by lubricating respectively cleaning regularly

TOOL CHARACTERISTICS

Height	Width
387 mm	142 mm
15.24 inch	5.60 inch
Length	Weight
369 mm	3.95 kg
14.53 inch	8.70 lbs

Pressure

7 - 8 bar | 100 - 120 psi

Air consumption per shot

2.63 L. | 0.093 SCF

Performance at 90 psi | 6.2 bar
(0.62 MPa)

FASTENER DATA

	LIGNOLOC® wooden nails	LIGNOLOC® wooden nails with head
Diameter	4,7 - 5,3 mm 0.185 - 0.209"	4,7 mm 0.185"
Length	65 75 90 mm 2 ½ 3 3 ½"	58 mm 2 5/16"
Head	-	6,3 mm 0.248"
Material	compressed beech wood	
Color	natural	
Capacity	100	
Collation Type	15° Coil LIGNOLOC®	

NOISE VALUE

(EN 12549+A1 : 2008, EN ISO 4871 : 2009)

$L_{WA,1s}$: 103.60 dB (A) - $K_{WA,1s}$, 2.5

$L_{pA,1s}$: 98.00 dB (A) - $K_{pA,1s}$, 2.5

VIBRATION VALUE

(UNI ISO/TS 8662-11)

3.10 m/s²

ACTUATION & LOADING

Actuation System:

Single shot & contact actuation

Loading: Coil

VARIATIONS

F44AC CN15-PS60A
LIGNOLOC®

FURTHER INFORMATION

Withdrawal values:

~ 7 N / mm² characteristic**

Shear values:

~ 527 - 663 N characteristic**

** acc. to VHT test report

