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**PATENTED**

**F44AC CN15-PS60A**  
**LIGNOLOC® FS**



### TOOL- FEATURES

- Specially designed for LIGNOLOC® wooden nails
- Lignin welding process due to high nailing speed
- Tool-free depth of drive adjustment
- NEW: full sequential actuation

### LIGNOLOC® WOODEN NAILS

- Sustainable and circular
- No wood glue necessary
- Much faster than wood dowels
- Made of German beech wood
- No corrosion and streaking on wood



### CONTACT & SERVICE

Our sales team  
is available at:

P +43 7724 2111-671  
sales.int@beck-fastening.com  
www.beck-fastening.com

### 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/m<sup>3</sup> and in compliance with edge distances specified in Eurocode 5

# F44AC CN15-PS60A LIGNOLOC® FS

## 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
322 mm	130 mm
12.67 inch	5.12 inch
Length	Weight
275 mm	2,40 kg
10.82 inch	5.29 lbs

### Pressure

7 - 8 bar | 100 - 120 psi

### Air consumption per shot

1.20 L. | 0.042 SCF

Performance at 90 psi | 6.2 bar  
(0.62 MPa)

## FASTENER DATA

	LIGNOLOC® wooden nails
Diameter	3,7 mm   0.146"
Length	38   50   55   60 mm 1 ½   2   2 ¼   2 ⅜"
Material	compressed beech wood
Color	natural
Capacity	170
Collation Type	15° Plastic Sheet recyclable

## NOISE VALUE

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

$L_{WA,1s}$  : 95.30 dB (A) -  $K_{WA,1s}$  , 2.5

$L_{pA,1s}$  : 91.10 dB (A) -  $K_{pA,1s}$  , 2.5

## VIBRATION VALUE

(UNI ISO/TS 8662-11)

2.7 m/s<sup>2</sup>

## ACTUATION & LOADING

Actuation System:

Full sequential actuation

Loading: Coil

## EUROPEAN TECHNICAL ASSESSMENT (ETA) FOR LIGNOLOC®

The European Technical Assessment (ETA) was granted to the LIGNOLOC® wooden nail with and without head for structural timber construction.

The collated nail made of wood can now be used in load bearing timber constructions throughout the EU.

## VARIATIONS

F60 CN15-PS90-H LIGNOLOC®

## FURTHER INFORMATION

Withdrawal values:

~ 8,5 N / mm<sup>2</sup> characteristic\*\*

Shear values:

~ 362 N characteristic\*\*

\*\* acc. to VHT test report