

**PATENT PENDING**

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with **ETA**  
ETA-23/0330

## LIGNOLOC® WOODEN NAILS WITH HEAD



### LIGNOLOC® WOODEN NAILS

- Wood-to-wood connections using only wood
- No point thermal bridges in the wood, perfect for façades
- Gentle on tools during post-processing
- LIGNOLOC® wooden nails cannot rust
- No discoloration from metal leaching in the wood

### LIGNOLOC® NAILING TOOLS

- Enable metal-free construction with wood
- Various pneumatic hand tools and nailing heads for automated production are available
- LIGNOLOC® nailing tools handle just like conventional pneumatic nailers



### CONTACT & SERVICE

Our sales team  
is available at:

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### DESCRIPTION

LIGNOLOC® stands for a new generation of fastening technology: collated wooden nails for metal-free wood-to-wood connections in timber construction and craftsmanship. They create no point thermal bridges, protect tools during post-processing and – unlike steel nails – leave no rust stains in the wood. As no metallic foreign matter remains in the component, the timber components can be separated by material type during deconstruction. Regulated by ETA-23/0330; the environmental impact is documented in EPD-RAI-20240485-IBA1-DE. Their production causes up to 66 % less CO<sub>2</sub> than that of a comparable steel nail.\*

\*\*vom Berg, C. and Carus, M. (2019): Life Cycle Assessment (LCA) of the LignoLoc® wooden nail: Summary of the full LCA report. Hürth: nova-Institut GmbH.

# LIGNOLOC® WOODEN NAILS WITH HEAD



## FASTENER

|                   | LIGNOLOC®<br>Wooden nails<br>with head     |
|-------------------|--------------------------------------------|
| Diameter          | 4.7 mm   0.185"                            |
| Length            | 58 mm, 64 mm, 78 mm<br>2 5/16", 2 1/2", 3" |
| Head              | 6.3 mm   0.248"                            |
| Material          | Densified laminated<br>beech wood*         |
| Colour            | natural                                    |
| Capacity          | 100                                        |
| Collation<br>Type | 15° Coil LIGNOLOC®                         |

\*according to EN 61061-3-1, minimum  
density 1,100 kg/m<sup>3</sup>

## COMPATIBLE TOOLS

F60 CN15-PS90-H LIGNOLOC®

## APPLICATION

- Wooden façades
- Privacy screens
- Summer houses
- Garden pavilions
- Room dividers, etc.

