

NORDIC SPRUCE

THICKNESS X WIDTH

FACE COVER: 19x180 mm -

19x205 mm

WOOD SPECIE: Nordic Spruce

BOARD: Brushed solid wood

PROFILE: Alpen

SHADE: Brushed untreated

Ref. 703 - 704





- Conical tongue: better fitting and quick to install.
- End-matched: simplifies installation and reduces the cutting wastage.

CHARACTERISTICS

- Solid steamed wood board.
- Brushed surface: it gives an optimal and texture surface to the wood.
- Wide boards.
- Without finishing: brushed untreated, 100% natural light brown appearance.

SHADE: BRUSHED UNTREATED



WOOD SPECIE: NORDIC SPRUCE

PEFC Spruce: Scandinavian timber, (PEFC/10-31-1593), lasting up between 10 to 30 years. Singularities and knots: slow-growing essence; small to medium knots; clear wood.







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| WOOD SPECIE | | THERMAL PROCESS | | DURABILITY | | TECHNICAL PROPERTIES | | | | |
|---|--|---|--------------------|---|------------|--|--------|--|--|--|
| Nordic Spruce Geographical area: Scandinavia Quality: A/B choice NF EN 14519 | | Steaming It consists of maintaining the wood in an atmosphere below 100 °C and saturated with humidity. This process gives it a brownish color that is homogeneous throughout and retains mechanical strength. The wood is then dried to 12%. | | Use class: 2 (according to FD P20-651) Nordic Spruce, lasting up to 50 years | | Behavioural fire restrictions | | Thermal characteristics according to NF EN 12 524 | Water vapour permeability according to NF EN 12 524 | |
| PEFC certified | | | | | | EUROCLASSE D for reaction to (according to 14915+A1 : 2 standard) | o fire | Thermal resistance R | Water vapour resistance: 66 µ | |
| | | | | | | Combustible in MJ/m²: 1 | | in m ² . K/W:0,12 | Average density: 475 kg/m³ to 12% wood moisture content | |
| | | | MEC | CHANICA | AL PROPERT | ΓIES | | | | |
| Breaking stress in compression: 45 Nm/mm² | Breaking stress in tension: 85 Nm/mm ² | | Breaking stress in | | | | | us of elasticity in : 12 000 N/mm² | | |
| PREPARATION FINISH | SHAD | THICKNESS X WIDTH FACE COVER IN MM | | BOARD | | LENGTHS (M)* (saccording to availability) | | PACKAGING | | |
| Brushed solid wood | Brushe | d | 19x180 mm | | d solid | 4.20-4.50-4.80-5.10 m | | Packs x boards/pack: 48x4 | | |
| ы usiteu sotiu wood | untreate | | | | od | | | Packs x boards/pack: 40x4 | | |

INSTALLATION ADVICES



To ensure the products are correctly installed, the rules laid out in the French code of practice DTU 36.1 for internal cladding, and our Technical Guide, should be observed.

- Store the boards for a few days before installation, laid horizontally in open stacks in the room where they are to be installed.
- Preparation: install the internal cladding on a perfectly dry support, avoid direct contact with the floor.
- Particular care should be taken when installing the first board, as this board serves as a reference for the following.
- Easy installation thanks to the grooved ends.
- Solid wood boards are attached to battens fitted a maximum of 40cm apart and which allows the air to circulate.
- The purpose of the air gap thus created is to allow moisture and any steam condensation which has passed through the wall to escape. This air gap is essential in damp environments such as kitchens, bathrooms or sheltered outdoor areas. The air gap must be at least 10mm everywhere on the wall.
- Installation in damp rooms is possible if an adequate ventilation is ensured (windows, CMV,...).
- The wainscot mustn't be directly in contact with the water.
- Installation of the battens also allows thermal acoustic insulation to be inserted and wiring to be hidden if necessary (while maintaining the air gap).
- Ensure the boards are aligned and correctly slotted together.

SOME RULES FOR NAILING

- Nail the boards on each batten.
- The nails must be at least 3.5 times longer than the thickness of the lower edge of the board. To avoid splitting, use nails with a shank less than 3.5 mm in diameter.
- Nailing at an angle improves pull-out resistance.

TYPE AND DIRECTION OF INSTALLATION

Horizontal installation

Vertical installation



Internal cladding installation

 Wainscot can be installed horizontally, vertically or obliquely, on wood walls or masonry walls.

MAINTENANCE

- Nordic Spruce wainscot does not need particular maintenance.
- Proceed to dust regularly.



Find all of our **DOCUMENTATION**



TECHNICAL GUIDE



Download our **MAINTENANCE BOOKLET** for our maintenance

