SIVALBP FAHRENHEIT

INTERNAL ECOTHERMO

INTERNAL CLADDING

NORDIC SPRUCE (ECOTHERMO)

THICKNESS X WIDTH
FACE COVER: 19x185 mm
WOOD SPECIE: Nordic Spruce (EcoThermo)

BOARD: Rustic finish solid wood
PROFILE: Micro 1
SHADE: Rustic finish untreated
Ref. 816

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bois, technologie & design

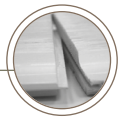


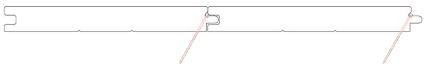
BOILLOD constructions office (25)

SIVALBP

- The aesthetics of wide boards.
- Thermostabilisation: 100% natural process.
- Stability optimized by thermostabilisation.
- Easy installation: fastening primer.

PROFILE: MICRO 1 19x185





- **Easy installation:** fastening primer.
- **End-matched:** simplifies installation and reduces the cutting wastage.

CHARACTERISTICS

- EcoThermo solid wood board.
- **Rustic finish surface:** random pulling up of the surface of the boards to give them an exploded appearance.
- Wide boards.
- Without finishing: rustic finish untreated, caramelized color thanks to thermostabilisation.

SHADE: RUSTIC FINISH UNTREATED



WOOD SPECIE: NORDIC SPRUCE (ECOTHERMO)

Nordic Spruce: Scandinavian timber, **PEFC certified (PEFC/10-31-1593)**. This is the material of choice in terms of quality and stability.
It is selected for its light fine grained wood, and its slow growth. It reveals small knots which are well integrated into the structure.

PEFC
10-31-1593
Promoting Sustainable Forest Management
www.pefc-france.org

CE
NF EN 14915
All our boards are compliant with CE marking

MADE IN FRANCE

Eco Thermo by Sivalbp

- Friendly environmentally process and chemical free.
- Exceptional durability and stability.

NORDIC SPRUCE (ECOTHERMO)

Thickness x width face cover: 19x185 mm
Rustic finish solid wood - Micro 1 - Rustic finish untreated - Ref.816

WOOD SPECIE	THERMAL PROCESS	DURABILITY	TECHNICAL PROPERTIES		
Nordic Spruce Geographical area: Scandinavia Quality: US/Vth re-sorted by Sivalbp PEFC certified	**Thermostabilisation** Ecological process, environmentally friendly and chemical free. It consists in moisturising and heating the wood to high temperature. This process gives the boards exceptional durability and stability and greatly reduces the shrinkage phenomenon. The wood acquires an even, brown colour all the way through.	**Use class: 2** (according to FD P20-651) Nordic Spruce, lasting up to 50 years	**Behavioural fire restrictions** EUROCLASSE D-s3, d0 for reaction to fire (according to 14915+A1 : 2017 EN NF standard) Combustible mass in MJ/m²: 136	**Thermal characteristics according to NF EN 12 524** Thermal resistance R in m². K/W: 0,12	**Water vapour permeability according to NF EN 12 524** Water vapour resistance: 66 µ Average density: 475 kg/m³ to 12% wood moisture content

MECHANICAL PROPERTIES					
Breaking stress in compression: NC* Nm/mm²	Breaking stress in tension: NC* Nm/mm²	Breaking stress in shear: NC	Breaking stress in bending: NC N/nm²	Modulus of elasticity in bending: NC N/nm²	Compliant for French implementation in Q4 area (impact resistance)

PREPARATION FINISH	SHADE	THICKNESS X WIDTH FACE COVER IN MM	BOARD	LENGTHS (M)* (according to availability)	PACKAGING
Rustic finish solid wood	**Rustic finish untreated**	19x185	Rustic finish solid wood	2.52 m	Packs x boards/pack: 30x4

*For solid wood boards with end-matched, the effective length is equal to the standard supply length invoiced minus 30 millimeters.
NPD: not performance declared. NC: non communicated.

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.

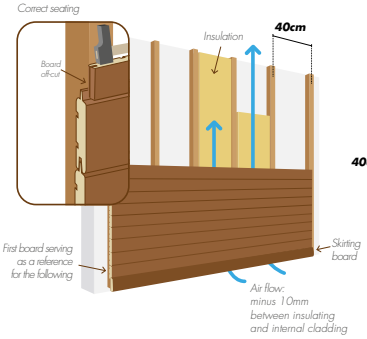
- Store the boards for a few days before installation, laid horizontally in open stacks in the room where they are to be installed.
- **Preparation:** install the internal cladding on a perfectly dry support, avoid direct contact with the floor.
- Particular care should be taken when installing the first 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

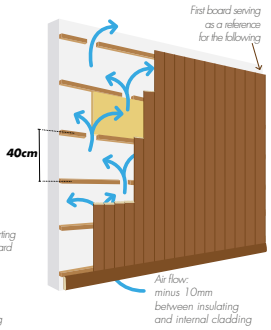
- Nail the boards on each batten.
- The nails must be at least 3.5 times longer than the thickness of the lower edge of the board.To avoid splitting, use nails with a shank less than 3.5 mm in diameter.
- Nailing at an angle improves pull-out resistance.

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.