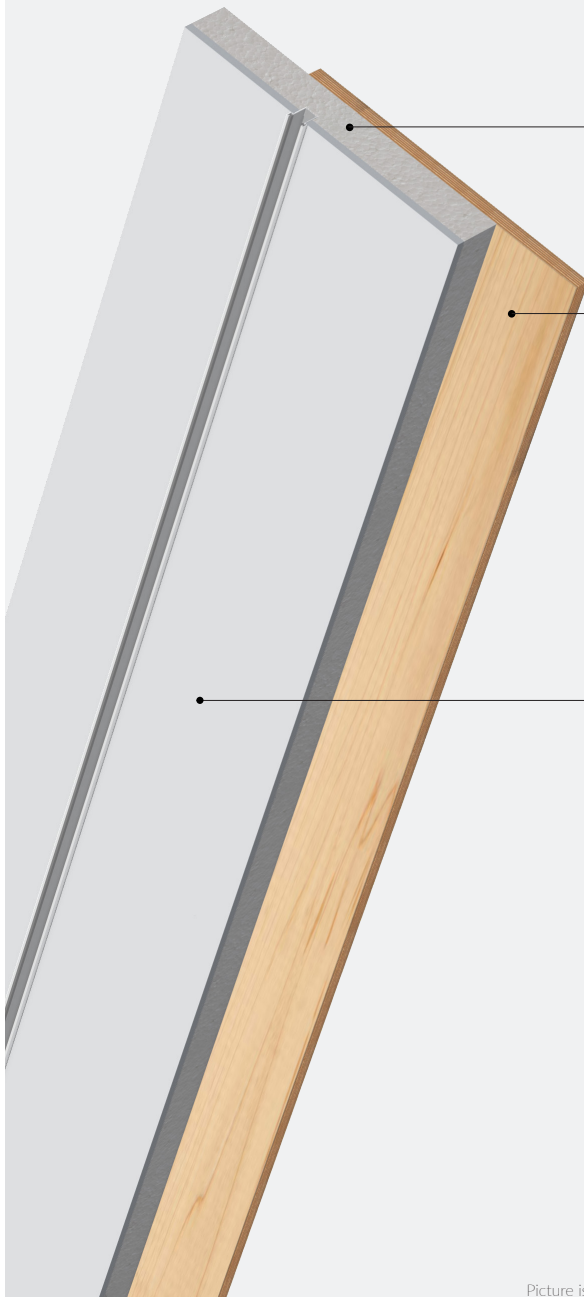


PERFORMANCE SIDE

certifying prefabricated side with high thermoacoustic insulation

TECHNICAL DOCUMENT ISSUE

Certifying prefabricated side is composed of expanded synthesized self-extinguishing polystyrene EPS200 (EN13163), class E of fire reaction, white coloured, with density of 25 kg/m³, 5 cm thick, joint with one Bluclad board (portland cement, minerals enriched, natural fibers, without asbestos, additives) beige colored with hues due to the natural structure of elements of 1 cm thick Bluclad board (external side), joint with one 1.8 cm thick Plywood board (internal wall side).



EXPANDED SYNTHESIZED POLYSTYRENE board

- ◇ thickness: 50 mm
- ◇ thermal conductivity coefficient: 0,033 W/mK
- ◇ density: 25 kg/m³
- ◇ self-extinguishing

STRUCTURAL PLYWOOD 2+ board

- ◇ thickness: 18 mm
- ◇ marine multilayer di abete vaporised finnish fir, grown in eco-friendly managed forests PEFC
- ◇ glued with phenolic resins
- ◇ thermal conductivity coefficient: 0,13 W/mK
- ◇ in compliance with the UNI EN 1995-1-1 law
- ◇ in compliance with the UNI EN 1995-1-2 law on fire resistance
- ◇ in compliance with the UNI EN 13986 law E1 class on formaldehyde emissions

BLUCLAD boards

- ◇ thickness: 10 mm
- ◇ beige coloured, with hues due to the natural structure of elements: portland cement, minerals enriched, natural fibers, without asbestos, additives
- ◇ fire reaction: in compliance with the NBN-S21-203 and with the PV LCPP 2/98 laws
- ◇ bitter cold resistance: (-20/+20°C)
- ◇ water vapour resistance: 17 - 21
- ◇ thermal conductivity coefficient: 0,19 W/mK
- ◇ good fire reaction
- ◇ excellent acoustic insulation
- ◇ water resistant (with vertical use)
- ◇ resistant to the most of microorganisms
- ◇ resistant to many chemical products
- ◇ absence of poisonous gas emissions
- ◇ excellent frost resistance
- ◇ high solidity