PIRCHER® WOODEN NOISE BARRIERS

**Pircher® monoassorbente LR100**

Ecological wooden sound insulating/sound absorbing barrier with one absorbing and one reflecting side.

- Wood type: Impregnated pine wood
- Sound absorbing material: Rockwool
- Sound absorption class: A3
- Sound insulation class: B3
- Typical dimensions: 300x200cm
- Panel thickness: 14,5cm

Panel made of impregnated pine wood, guaranteed 15 years against rotting. Internal material rockwool chemically neutral, 80mm thick with density 100Kg/m². Stainless steel AISI 316 screws.
Pircher® monoassorbente P30

Ecological wooden sound insulating/sound absorbing barrier with one absorbing and one reflecting side.

- Wood type: Impregnated pine wood
- Sound absorbing material: Polyester fiber
- Sound absorption class: A3
- Sound insulation class: B3
- Typical dimensions: 300x200cm
- Panel thickness: 14.5cm

Panel made of impregnated pine wood, guaranteed 15 years against rotting. Internal material polyester fiber 100% natural, 80mm thick with density 30Kg/m³. Stainless steel AISI 316 screws.
**Pircher® biassorbente BP50**

Ecological wooden sound insulating/sound absorbing barrier with two absorbing sides.

- Wood type: Impregnated pine wood
- Sound absorbing material: Polyester fiber
- Sound absorption class: A3
- Sound insulation class: B3
- Typical dimensions: 300x200cm
- Panel thickness: 16,5cm

Panel made of impregnated pine wood, guaranteed 15 years against rotting. Composed of two internal layers of polyester fiber 100% natural, each 40mm thick, with density 40kg/m², as well as an internal fiber reinforced cement board with surface mass 10 kg/m² and 6mm thickness. Stainless steel AISI 316 screws.
Pircher® monoassorbente P/SILENCE®

Ecological wooden sound insulating/sound absorbing barrier with one absorbing and one reflecting side.

- Wood type: Impregnated pine wood
- Sound absorbing material: Polyester fiber
- Sound absorption class: A4
- Sound insulation class: B3
- Typical dimensions: 300x200cm
- Panel thickness: 14.5cm

Panel made of impregnated pine wood, guaranteed 15 years against rotting. Internal material polyester fiber 100% natural, 80mm thick with density 40Kg/m². Absorbing side with digital printed micro-perforated fabric. Stainless steel AISI 316 screws. Replaceable covering.
**Pircher® monoassorbente L/SILENCE®**

Ecological wooden sound insulating/sound absorbing barrier with one absorbing and one reflecting side.

- Wood type: Larch
- Sound absorbing material: Polyester fiber
- Sound absorption class: A4
- Sound insulation class: B3
- Typical dimensions: 300x200cm
- Panel thickness: 14.5cm

Panel made of larch wood. Internal material polyester fiber 100% natural, 80mm thick with density 40Kg/m². Absorbing side with digital printed micro-perforated fabric. Stainless steel AISI 316 screws. Replaceable covering.
**Pircher® monoassorbente P/Private**

Ecological wooden sound insulating/sound absorbing barrier with one absorbing and one reflecting side.

- Wood type: Impregnated pine wood
- Sound absorbing material: Rockwool
- Sound absorption class: A3
- Sound insulation class: B3
- Typical dimensions: 200x130cm or 200x180cm
- Panel thickness: 8,5cm

Panel made of impregnated pine wood, guaranteed 15 years against rotting. Internal material rockwool chemically neutral, 30mm thick with density 90Kg/m². Possibility of having the wooden strips diagonally, vertical or horizontal. Stainless steel AISI 316 screws.
**Pircher® monoassorbente L/Private**

Ecological wooden sound insulating/sound absorbing barrier with one absorbing and one reflecting side.

- Wood type: Larch wood
- Sound absorbing material: Rockwool
- Sound absorption class: A3
- Sound insulation class: B3
- Typical dimensions: 200x130cm or 200x180cm
- Panel thickness: 8.5cm

Panel made of larch wood. Internal material rockwool chemically neutral, 30mm thick with density 90Kg/m². Possibility of having the wooden strips diagonally, vertical or horizontal. Stainless steel AISI 316 screws.
### General Details

- Impregnated wood in oven, with salt under pressure KDS, as described in the regulations RAL GZ 427 and DIN 68800 - Category RAL 3.
- Certification and labeling of noise barriers in accordance with EN 14388: 2005.
- PEFC CoC certification for sustainable forest management.
- Wind load resistance certification according to CNR-UNI 10.012; UNI EN 1794-1 2004 – 5.1.
- Impact resistance certification according to UNI EN 1794-1 2004 – 5.3.
- Fire resistance certification according to UNI EN 1794-2 2004 – 4.1. front side Class 1 and rear side Class 3.
- Mechanical resistance certification according to UNI EN 1794-1 2004 – 5.2.
- Snow load resistance certification according to UNI EN 1794-1 2004 – 5.5.
- 15 years warranty and CE label.