



Interior panels



www.isoplaat.eu



ISOTEX interior panels

ISOTEX is a natural and health-preserving (allergy free) quality interior panel for thermal insulation and sound muting (-26dB).

ENVIRONMENTALLY FRIENDLY

The technology of producing ISOTEX interior panels is environmentally friendly and ecological.

Only local quality coniferous wood chips are used as raw material. The pulp from milling wood chips is mixed with water, pressed into the shape of a panel and dried. No glue or other chemicals are used in the production of fibreboards – the natural resins in the wood act as binding agents.

Nothing but water-based glue is used to cover the fibreboards with paper or textiles.

An ISOTEX panel retains all the characteristics of wood - durability, viscosity and warmth.

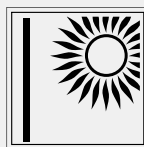
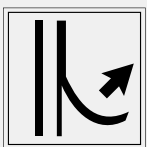
ISOTEX has been recognised as belonging to emission class M1 of building materials by The Building Information Foundation RTS.

USAGE

ISOTEX ceiling and wall panels provide different solutions in both a modern interior as well as a rustic country house.

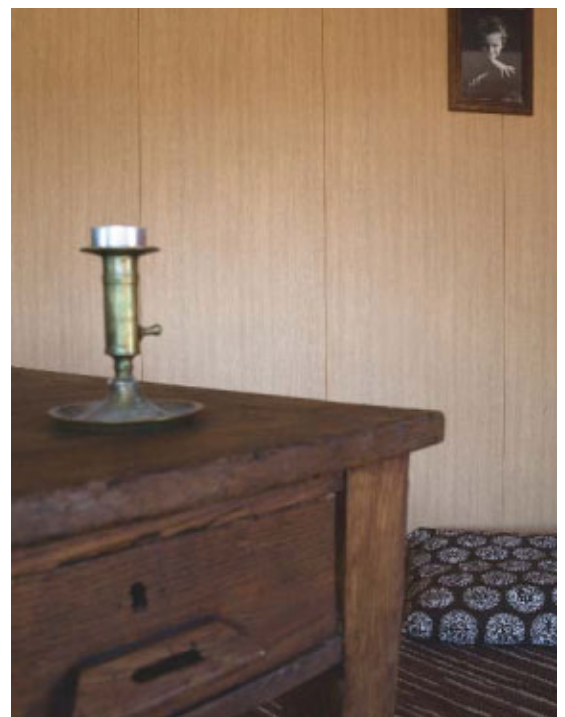
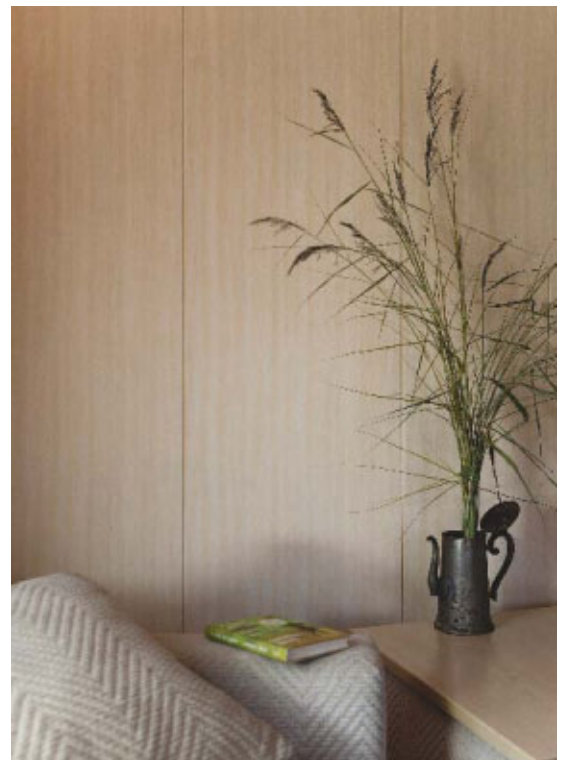
ISOTEX panels keep the interior temperature of the rooms at a certain level, either warm or cool, depending on what is required, but at the same time ensure a natural ventilation of the building.

All ISOTEX wall panels with a paper finish are washable. Should the need arise, both ceiling and wall panels can be painted (but only using water-based paint). Wall panels with a textile finish can, if you so wish, be covered with a water-based lacquer only, guaranteeing the cleanliness, washability and a more effortless maintenance of the textile surfaces.



- removable front paper layer*
- washable*
- good UV resistance

* applies to paper finish wall panels



EASY TO INSTALL

ISOTEX wall and ceiling panels can easily be installed on every surface in dry rooms, and there is no dust involved.

ISOTEX panels are a natural and “breathing” building material. Therefore, the panels have to be placed in the room to be finished in an opened package 24 hours prior to starting work.

Glue or staples can be used to install ISOTEX panels to a wall or a ceiling made of wood or gypsum plasterboard.

Only uneven stone or concrete walls need to be straightened with a wooden frame, in which case it is possible to hide the electrical wiring under the panels. In addition, attention needs to be paid to the straightness of the angles of walls and ceilings, so as to avoid cutting the last row of panels crookedly.

Necessary tools:

- Square
- Tape measure
- Carpet knife
- Glue gun
 - (use a fast-setting construction adhesive, such as Soudal 48A)
- Staple gun



ISOTEX panels can easily be cut with a sharp carpet knife.

ATTENTION!

CUT THE PANEL
ON THE COVERED SIDE!



Installation of ceiling panels

Installation on a wooden frame:

When constructing the wooden frame, you should use wooden rafters with a size of 19 x 44 mm. Fix the panels on the frame using staples (the length of which should be 10–14 mm), making sure that the distance between the staples is no greater than 100 mm. The outermost panel is to be fixed on the frame with nails, screws or adhesive so that the mould installed later would cover them.

The panels are always fixed along the framework of rafters. Even better results are achieved when the gaps between the longer edges of the panels are fixed in the direction of the falling light.

Installation with adhesive:

Apply a strip of adhesive on the back side of a panel, approximately 30 mm from the edge of the panel, and apply dots of adhesive to the centre of the panel, approximately one dot after every 200 mm. Press the panel to the ceiling so that it is a slight distance away from the previous panel. Slide the panel sideways to level the adhesive and fix the tongue into the groove. If at all possible, the panels can be fixed with staples to provide additional support.

Attention! Always follow the instructions provided by the manufacturer of the adhesive.



Installation of wall panels

WALL PANELS WITH A PAPER FINISH

Installation on a wooden framework:

When constructing the wooden frame, you should use wooden rafters with a size of 19 x 44 mm. Fix the rafters so that the distance between them (measured from the centre of each rafter) is 290 mm. Apply dots of adhesive to the centre of the back side of a panel, approximately one every 200 mm, so that the panel would be fixed to the central wall batten. Fix the panels to the wall batten using staples (the length of which should be 10–14 mm), making sure that the distance between the staples is no greater than 100 mm.

Installation with adhesive:

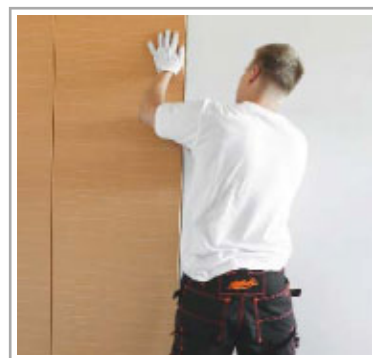
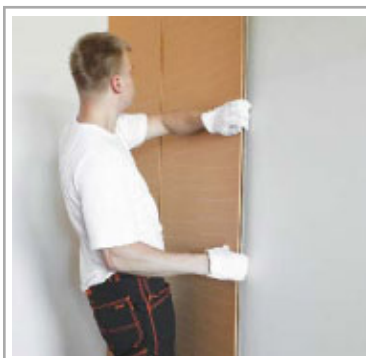
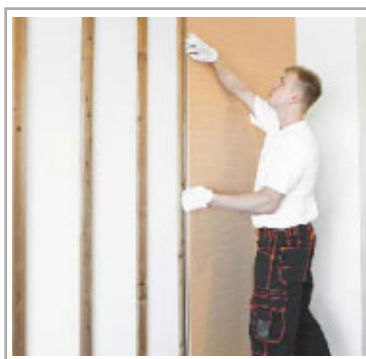
Apply strips of adhesive to the edges of the back side of a panel (approximately 20 mm from the edge of the panel) and to the centre of the panel, one strip after every 200 mm. Press the panel to the wall so that it is some distance away from the previous panel. Then, slide it sideways to level the adhesive and to install the panel without any additional support.

WALL PANELS WITH A TEXTILE FINISH

Installation with adhesive:

Fix the 19 x 44 mm wooden rafters so that the distance between them (measured from the centre of each rafter to the centre of the next) is 300 mm. If the wall is straight, there is no need to install a wooden frame. Apply strips of adhesive to the edges of the back side of a panel (approximately 20 mm from the edge of the panel) and to the centre of the panel, one strip after every 200 mm. Press the panel to the wall so that it is some distance away from the previous panel. Then, slide it sideways to level the adhesive and to install the panel without any additional support.

Properly installed ISOTEX ceiling or wall panels are durable. No cracks will appear on the surface of the panels – one of the most common “beauty flaws” of ceilings and walls made of other materials. Additional information and an installation video on ISOTEX panels can be found on the web site www.isotex.ee

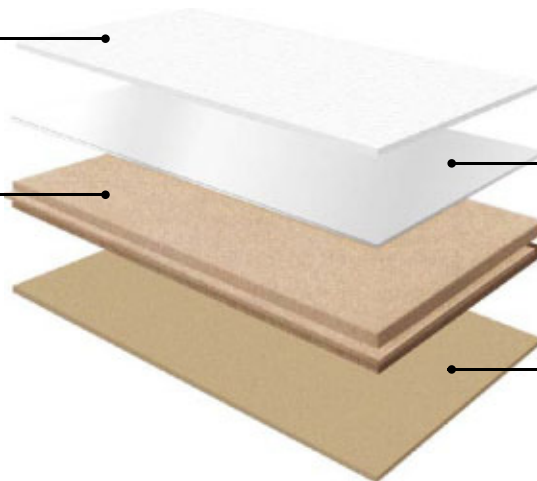


Ceiling panels

Special decorative paper



Sound and heat insulating wood fibre board



Fire resistant aluminum layer

Alu foil 66

Board stabilizing paper

Stabil Back Layer



Wall panels with paper finish



Wall panels with textile finish



European Union
Regional Development Fund Investing in your future



Vendor:

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Tilen Kokelj, s.p.
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1230 Domžale

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		WALL PANELS				CEILING PANELS			
		Quatro*	Long ceiling panels (Alaska and Nordic)				Textile finish	Paper finish	
Density	kg/m³	> 230				> 230		> 230	
Thickness	mm	12 ± 1				12 ± 1		12 ± 1	
Width	mm	300 ± 2				600 ± 2		580 ± 2	
Length	mm	1800±2	3000±2	3600±2	4250±2	2550±2	2700±2	2550±2	2700±2
Panels per pack	pcs	8	4	4	4	4	4	4	4
Amount in pack	m²	4,32	3,6	4,32	5,1	6,12	6,48	5,92	6,26
Packs per pallet	pcs	30	60	60	60	40	40	40	40
Amount on pallet	m²	129,6	216	259,2	306	244,8	259,2	236,8	250,4
Weight	kg	br	473	865	1047	1229	943	960	760
	net		420	720	840	1020	840	1065	863

* Panels that have tongue and groove joints in all four edges

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