Product Data Sheet

Acoustic design stripe panels – stringent or random design

Stripe panels with a core of fire retardant impregnated pine plywood

Acoustic Design by Frøslev A/S Herstedøstervej 27-29C, 1. DK-2620 Albertslund VAT No. DK11932371	Tel. +45 43 43 48 00 info@froeslev.dk www.acousticdesign.dk
Fire classification CE certificate	B-s1, d0 Classification according to EN 13501-1 1070-CPR-714
Additional data	EPD Acoustic measurements

Material specification

Product description	Acoustic design stripe panels with a core of peeled pine plywood, 9 layers, max. 1.4 mm veneer thickness. Slats, 12 mm thick, with an open area of 25%. Assembled into panels with integrated acoustic fabric. Slat width in stringent design: 27 mm or 90 mm. Slat width in random design: 15/28/52 mm.
Surface	Original face veneer of peeled pine in improved quality, grade I+, or veneered with oak or ash veneer. Surface treated with waterborne fire retardant system, 2 coats.
Wood Species	Pine (*Pinus sylvestris*, L)
Design	Cut to size, straight edged, sanded
Dimensions	Peeled pine: max. 2400 × 1200 mm. Veneered panels: max. 2910 × 1200 mm.
Quality	Smooth sanded front and square-edged.
Properties	Fire retardant impregnated with Fireguard IV. Non-hygroscopic fire retardant. Can withstand up to 90% relative humidity (RH) without the fire retardant reacting. All products are glued with waterproof glue. Meets the requirement for max. formaldehyde emission E1. Panels/slats can be cut to shape on site.

Installation

We recommend that the panels are installed according to the guidelines in the Acoustic Design installation instructions.
The product is only intended for interior use.
For installation, install horizontal furring on a steel framework of the wall or ceiling with a maximum centre-to-centre spacing of 600 mm and a minimum of three fixings per panel edge. The entire cavity must be filled with mineral wool or stone wool insulation of material class A1 or A2-s1, d0, minimum thickness 30 mm and density ≥ 30 kg/m^3
Acoustic Design panels can be further processed on site, including cutting and sizing.

Storage and handling before installation

The Acoustic Design panels must be stored dry and in a heated room on site or in a warehouse before use.
The Acoustic Design panels should be installed when the humidity in the building is below 65% RH to prevent bending/buckling.

Finishing

The Acoustic Design panels are supplied with surface treatment. If the acoustic panels are damaged, the finish should be repaired according to the guidelines in our care and maintenance manual.

acoustic design FRØSLEV