



Product detail

Product Name	acoupanel® (AP25); 2mm skin
Product Category	Wall and ceiling
Material	100% Polyester fibers with > 60% recycled content
Weight	2,400 gram / sq.m +/-
Density	100 kgs / Cubic.m +/-
Thickness	25 mm +/-10%
Size	1,400 mm x 2,800 mm

Performance

Sound Transmission Class	STC 5, ISO 717 Part 1
Sound Absorption	NRC 0.75 with no air gap, ISO 354
Color Fastness to Light	> 6, ISO 105 B02-1994
Reaction to Fire	ASTM E84, Class A
Indoor Air Quality	Low VOCs emission, formaldehyde and Phenol-free
Moisture Content	< 0.10% by weight

Available Colors

52 Colors Available

Installation

- > Using a contact adhesive.
- > Using double sided adhesive tape.
- > Using fastmount clips

Sustainability



100% recyclable at the end of its useful life



Certified Low VOCs, Clean Indoor Air Quality



No Red list chemicals, Formaldehyde & phenol free



"Produced using 40% solar energy for a more sustainable future."



Minimum 60% post-consumer recycled material

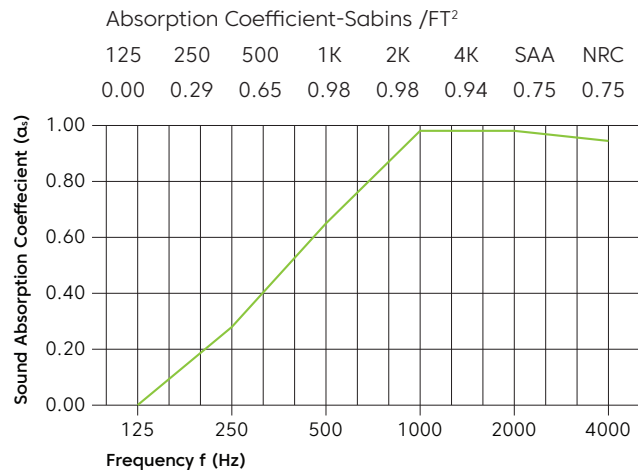


Environmental Product Declaration in accordance with ISO 14025 and EN 15804

Acoustic Performance

Noise Reduction Coefficient SAA/NRC 0.75

ASTM C 423-09a, Standard Test Method for Sound Absorption Coefficients measured by the reverberation room method.



Reaction to Fire

Standard Test Method for Surface Burning Characteristics of Building Materials ASTM E84-21

Class : A

Results	
Test Specimen	Flame Spread Index Smoke Developed Index
Fiber-Reinforced Cement Board, Grade II	0-100
Red Oak Flooring	
Heptane, (HPLC) Grade	0-100
Test # 269716	
ID:AP3(Acoustic Felt 3mm [±])	10
Classification	200
Class A	0-25 Flame Spread Index 0-450 Smoke Developed Index
Class B	26-75 Flame Spread Index 0-450 Smoke Developed Index
Class C	76-200 Flame Spread Index 0-450 Smoke Developed Index

Moisture content

ASTM D629-99 (TEST METHOD)

Standard test methods for quantitative analysis of textiles test parameters - Moisture content test result

0.15%

Color Fastness to Light

ISO 105-B02:1994, Textiles-Tests for colourfastness Part B02: colourfastness to artificial light : Xenon arc fading lamp test.

6-7

Rating	Blue Wool Scale
Very poor lightfastness	1
Poor lightfastness	2-3
Fair lightfastness	4-5
Very good lightfastness	6
Excellent lightfastness	7-8

Remark(s) - Test apparatus : Atlas Xenon ARC weather-ometer model Ci3000+
- Blue wood reference rang from 1 (Very low colour fastness) to 8 (Very High colour fastness)