

Technical datasheet

Designed and manufactured in the heart of Quebec SONO/MAX25 proudly showcases our expertise by offering a solution that is both high-performing and eco-friendly.

To learn more about the product's features, benefits, or to access our technical documents, visit the technical resources section on our website.

sonomax25.com



VERSATILITY

Versatile acoustic system compatible with: hardwood, 3/4" engineered wood, laminate, ceramic, and marble. Suitable for wood, concrete, and Hambro system structures.



DURABILITY

- Boasts impressive strength and mechanical resistance.
- Prevents subfloor cracks from reaching the surface.
- Meets the CAN/ULC-S 706 Type 1, Category 2 standard.



PROTECTION

Fresh-Ultra treatment: antibacterial and antifungal, registered with Health Canada.



ENVIRONMENTALLY FRIENDLY MATERIALS

- Recyclable, eco-friendly, and environmentally conscious.

Manufactured using 15% post-consumer recycled materials and 85% post-industrial reclaimed materials. Contains no volatile organic compounds (VOCs), HCFCs, or pentane.



EFFICIENCY

- SONO/MAX25 is lightweight
- SONO/MAX25 is ideal for impressive mechanical fastening of engineered wood
- Easy to install, saving on labor costs
- Installs without glue (floating)



COMFORT - AIRBORNE NOISE ABSORPTION AND IMPACT SOUND INSULATION

The sound pollution control system of SONO/MAX25 meets ASTM-ISO acoustic standards.

- Engineered wood on concrete slab (FIIC 61 to 68 depending on the assembly)
- Ceramic on concrete slab (FIIC 61 to 69 depending on the assembly)

According to ASTM E989-89 and ASTM E1007-97 standards.



THERMAL INSULATION

- Excellent thermal properties
- Eliminates thermal bridging depending on the type of construction
- Thermal resistance (R-value 3.00)

SONO/MAX25[®]

SOUNDPROOF SUBFLOOR



MATERIALS

- 100% natural materials, of environmental quality
- Produced under continuous quality control
- Meets the CAN/ULC S706 Type 1, Category 2 standard
- CCMC Insulating Panel 03240-L

The substrate must be dry and free of defects.

Follow current regulations for dust treatment.

ACOUSTIC PERFORMANCE

- Engineered wood on concrete slab FIIC 61-65
- Ceramic on concrete slab FIIC 61-65

According to the standard:

ASTM E989-89

ASTM E1007-97

***voir coupes de plancher sur : sonomax25.com**

ROBINSON TEST

Exceeds the requirements of the residential class as defined in the Floor Tiling Installation Guide

ASTM C 627-93 (1999)

CTT Group

***See details in the report at: sonomax25.com**

ENVIRONMENTAL PERFORMANCE TEST

The system successfully reacts to changes in environmental conditions.

Test conducted with Forintek Canada Corp.

***See details in the report at: sonomax25.com**

DIMENSIONS SONO/MAX25

Insulating panel

Épaisseur	Dimension	Poids	Panneaux/	p2/	Poids/Pal.
Pouce	Pouce	Unité	Palette	Pal.	Lbs
1"	10"x48"	4.40 lbs	160	533	1050

Profiled plank

Épaisseur	Dimension	Poids	Pièces/*	p2/
Pouce	Pouce	Unité	Palette	Pal.
1/2"	2"x48"	1.73 lbs	160	107

* Storage

Always store on a pallet in a dry location, protected from the elements, and covered with a waterproof tarp.

TECHNICAL DATA

Fabrication contrôlée selon la norme	CAN/ULC S706 type 1 cat. 2
Profil	Rainures
Épaisseur	1.00 pouce
Expansion linéaire	ASTM D-1037 0.50%
Absorption d'eau (2 hrs.)	ASTM D-1037 725% vol.
Valeur thermique	ASTM C-518 3.00 R
Conductivité thermique	ASTM C-518 0.33 K
Force de compression à 10% de déformation	ASTM C-165 26.8 lb/po2
Densité	ASTM D-1037 16.00lb/pi3
Propriété antimicrobiennes	ASTM G-21-96 (2002)

FLAMMABILITY CONDITIONS

Difficult to ignite. Flame spread index of approximately 70 (CAN4-S102 test). Smoke development index of approximately 49, contribution to combustible load approximately 53, all results based on the same testing method.

Auto-ignition temperature: 260°C

Toxicity: Exposure to this product should not cause harmful effects.

Profiled plank: Meets ANSI A2008.2 2002 standard.

Formaldehyde emission: 0.30 ppm

IMPORTANT

The performance of the **SONO/MAX25** is conditional upon adherence to the installation instructions written and provided by the manufacturer. Wood categories containing a high percentage of short boards (12" and less per pack) MUST NOT be installed on the [system].