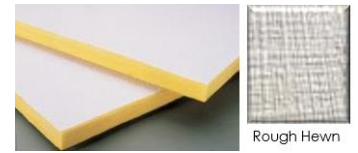


MONOACÚSTICO

Thermal and Acoustic insulation made of bio soluble glass wool bonded with a thermosetting resin. Uniform texture, finished with PVC laminate films, to be used as ceilings, in grid profiles in "T" exposed.



END USE CHARACTERISTICS AND LIMITATIONS

This product is designed to be installed in grid suspension system in profiles in "T" exposed. Product dimensions, length and wide, are always smaller than dimensions of the grid base to allow proper fit. When nominal dimensions are expressed in feet, under the product name, this value corresponds to the size of the grid base automatic assembly, in **Hot dipped galvanized steel strips** of 24 mm (15/16in) width.

When using grid profiles of 19 mm (3/4 in) wide, take into account the tolerances specified for the ceiling, in length and wide.

Surface Burning characteristics of the product; have been proved according to the standard method ASTM E84: Ceiling tile manufactured with bio soluble fiber glass wool Class A, UL723, File R18971, adhesive whit flame retardant and PVC sheet, which is classified such as self-extinguish.

This product is not recommended and its properties are not warrantable if it is used in any of the following areas:

- Bath, shower or pool cover areas adjacent or near steam pipes or chimneys, kitchens, or laundry areas that require to be washed with disinfectant substances, hydrocarbons or water vapor.
- Areas where the material may be subject to physical abuse, sport areas or other areas where it may be beaten with an object.
- This product, shall not be exposed to temperatures above 60°C (140°F), verifying that sources of heat are removed from air streams at high temperatures. Avoid heating equipments or light radiation.

Product certified by LAPEM (Testing Laboratory Equipment and Materials, Mexico).

PRODUCT SPECIFICATION

PRODUCT	LENGHT mm (in)	WIDE mm (in)	NOMINAL THICKNESS mm (in) (1)	WEIGHT +/- 10% kg/m ² (g/ft ²)
MONOACÚSTICO 4' x 2' x 1. 1/2"	1219 (48) ± 5mm	610 (24) ± 5mm	38 (1. 1/2)	2.14 (198.8)
MONOACÚSTICO (*) 1.22 m x 1.22 m x 1. 1/2"	1220 (48.03) ± 5mm	1220 (48.03) ± 5mm	38 (1. 1/2)	2.14 (198.8)

(1) Squareness: 90° square angle, 3 mm maximum deviation.

(*) Products on request MTO

PROPERTIES	STANDARD	DESCRIPTION
Maximum temperature	NA	60°C (140°F)
Thermal Performance (Thermal resistance)	ASTM C518	Typical Value 1.03 m ² .°C / W at 24°C Mean Temp. (5.76 hr.ft ² .°F /BTU at 75°F Mean Temp.)
Acoustic performance (NRC Noise Reduction Coefficient)	ASTM C423 (1) E-405 Mounting	NRC: 0.85 Typical Value (1.5 in thick)
Water vapor Sorption	ASTM C1104/C 1104M	<3% by weight at 120°F (49°C), 95% R.H
Thickness and Density	ASTM C167	Cumple los requerimientos
Surface Burning Characteristics	ASTM E84 (2)	Flame Spread Index <25 Smoke Developed Index <50
Rigidity	ASTM C1101/C1101M	Classified as Rigid
Linear Shrinkage	ASTM C356	<2% Change in length
Odor Emission	ASTM C1304	Meets requirements
Corrosiveness	ASTM C665 / ASTM C795	Meets requirements
Fungi resistance	ASTM C1338	Meets requirements
DBE Content	Oregon State	FREE, Meets requirements

(1) NRC (Noise reduction coefficient): Expected values based on similar designed products and limited number of samples. The NRC values should be used as a quick screening tool to compare different construction assemblies. ASTM C423 Standard Test Method for Sound Absorption Coefficients by the Reverberation (E-405 Mounting): material placed over 16 in air space.

(2) Expected value: Ceiling tile manufactured with bio soluble fiber glass wool Class A, UL723, File R18971, adhesive with flame retardant and PVC sheet, which is classified such as self-extinguishing.

VISUAL STANDARD

CHARACTERISTIC	ACCEPTANCE GUIDE
Surface Appearance	<p>The following defects are considered, when the product appearance is affected, because they are easily visible to the eye, once the product is installed:</p> <ul style="list-style-type: none"> - Airbags between the board and the laminate film - Film wrinkled, torn or stained - Drillings - Different tones visible to the eye in the same installation, once it has ensured that this is not being used in a mixture with product that was previously installed. - Buckling with respect to profile, 4mm or more (assuming profile is at the same level). <p>It is considered a defective sheet if when this is suspended or simply is handled normally, it bends or breaks easily, having secured the proper handling and racking.</p>

PACKAGING

PRODUCT NAME	UNITS/PACKAGE	m ² /PACKAGE	NET WEIGHT +/- 10% (kg/Package)
MONOACÚSTICO 4' x 4' x 1. 1/2"	10	7.43	15.90
MONOACÚSTICO 1.22 m x 1.22 m x 1. 1/2"	10	14.88	31.84

GROSS WEIGHT (kg/pakage) = NET WEIGHT (kg/package) + 1.6 kg approx.
 Package: Polyethylene, cardboard liner and auto adhesive label.

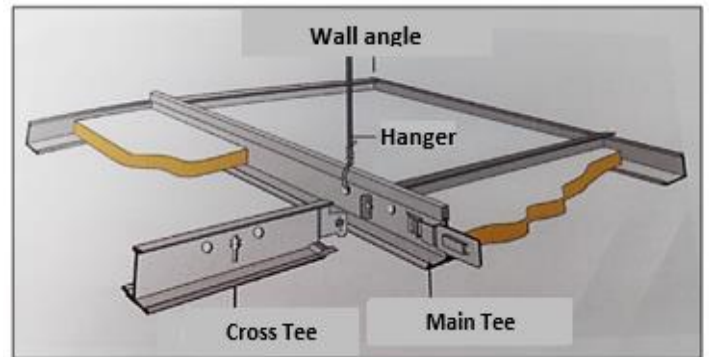
RECYCLED CONTENT

- (1) PI Recycled Content: Post Industrial Recycled Content: Collected from manufacturers or industry.
- (2) PC Recycled Content: Post-Consumer Recycled Content: Collected from end uses.

TOTAL RECYCLED CONTENT	POST INDUSTRIAL RECYCLED CONTENT (1)	POST CONSUMER RECYCLED CONTENT (2)
66.4 %	66.4%	0 %

INSTALLATION RECOMMENDATIONS

1. Planning the installation of ceiling tile.
2. Install the Wall angle.
3. Locate and hang the suspension of main TEE.
4. Install the main Tee.
5. Install the Cross Tee and fit edges.
6. Install the ceiling panels.





Fiberglass Colombia S.A - Colombia
Planta Mosquera
Mineral Glass Wool AA1

Certificate No.385 Bio soluble Mineral glass wool FGC.
 Note Q of the Regulation EC 1272/2008 of the European Parliament and of the Council as Currently in force.

European Certification Board for Mineral Wool Products

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LABORATORIO DE PRUEBAS DE EQUIPOS Y MATERIALES

FIBERGLASS COLOMBIA S.A PROVEEDOR AUTORIZADO

N° CO11/4442

Sistema de Gestión de la Calidad para la producción y venta de membranas impermeabilizantes modificadas (mantos, con o sin recubrimiento autoprotector) y emulsiones asfálticas, Cielo rasos en fibra de vidrio con acabado decorativo. Láminas y rollos flexibles en fibra de vidrio para la fabricación y recubrimiento interno y externo de conductos para transporte de aire acondicionado. Aislamientos térmicos y acústicos rígidos, flexibles y preformados.



Norma - ISO 9001:2015

Producto fabricado bajo un sistema de administración de calidad certificado de conformidad con ISO 9001.

Reported values are typical of tests carried out on samples taken from standard production and may be update without notice.

The user is responsible for determining if the product is recommended for a particular surface and if it satisfies the application requirements. The user must make application testing and product testing required for that purpose.

Not controlled copy. Information on this document may be updated without notice.

Last Update: August 23th / 2018