

HARMONI Ceiling Tiles

Product Information



HARMONI suspended acoustic ceiling panels are the natural choice when you're looking to create a unique, contemporary interior space with excellent sound absorption at an economical price. The panels are made from lightweight, non-fibrous, open-cell expanded melamine WILLTEC® foam and have a 1/2" (13 mm) tegular edge. Smooth-surface HARMONI Vista panels and the lightly sculpted surface pattern of HARMONI Tartan panels are produced to suit typical 15/16" (24 mm) grid system. HARMONI Ceiling Tiles are readily available in a variety of standard and custom water-based acoustic coating color finishes.

>> Advantages

- Smooth or softly sculpted panel faces
- ASTM E 84 Class A, CAN ULCS-102 fire rated
- Superior sound absorption NRC rated 0.95
- Standard, premium and custom water-based acoustic color coating option

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Product Information

Material

HARMONI Ceiling Tiles are made from lightweight, open-cell, non-fibrous WILLTEC® expanded melamine foam, which provides excellent acoustical control. HARMONI Ceiling Tiles feature specially formulated water-based acoustic coating color options that increase surface durability and are easy to clean.

Sizes

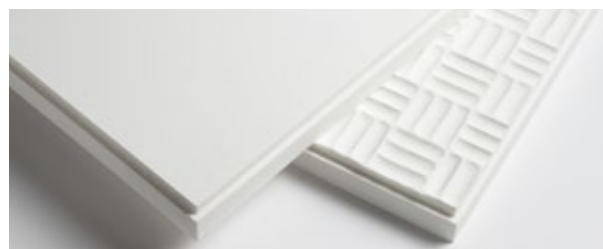
- Panels: ½" (12.7 mm) square tegular edge 2' x 2' (610 x 610 mm) and 2' x 4' (610 x 1219 mm) panel sizes to suit typical 15/16" (24 mm) grid systems
- Thickness: 2" (50 mm)
- Custom options available

Applications

- Hospital and doctor offices
- Modern office and retail spaces
- Lecture halls and classrooms
- Restaurants and cafeterias
- Recreational facilities
- Recording studios and music venues
- Museums and showrooms
- Panel patterns can be intermixed throughout the ceiling

Installation

- Use clean, white gloves to prevent soiling tiles
- Non-fibrous WILLTEC foam panels are easily cut to fit on-site
- Typical L-angle and ½" (13 mm) step moldings suggested for use along perimeter walls
- Edge paint available, if necessary



Physical Data—WILLTEC foam

Material	Open-cell, melamine-based foam
Density	0.5 to 0.7 lbs./cu. ft. (ASTM D3574- 77)
Long-Term Service Temperature	302°F (150°C)
Fire Resistance	Class 1 per ASTM E 84 (all finishes) Meets UL 1715 (willtec natural) CAN ULCS-102
Flame Spread per ASTM E 84	Water-based acoustic coated: 15 CAN ULCS-102
Smoke Density per ASTM E 84	Water-based acoustic coated: 100
Microbial Growth	Passes UL 181, section 11
Fungus Resistance	Rating 0 per ASTM G21
Finishes	Standard water-based acoustic color coating options in white, ivory, beige, light blue, light, medium and dark greys, black and other premium or custom color options

Sound Absorption

Finish Thickness	Test ASTM C423-90a							Mounting Type
	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC	
2" (50 mm) thickness	0.89	0.84	0.78	1.02	1.05	1.00	0.90	E