

WaveBlokTM FC

Technical Data Sheet

Description

WaveBlokTM FC (Floor/Ceiling) is a highly engineered damping composite designed to be placed onto the bare floor surface to significantly reduce noise between floors. Easily installs under all flooring including hardwood, carpet, laminate, tile and gypsum concrete.

Product Specifications

- Fire/Smoke Testing
 - Passes ASTM E84 Class A Rating (when placed beneath a class 1 rated flooring surface)
 - Flame Spread = 5 (Class A)
 - Smoke Developed Index = 5 (Class A)
 - Surface Weight = 0.75 lb/ft²
 - Thickness = 0.118" (Median)
- Standard Size*
 - 4' x 25' Roll (16 on Pallet)

*Custom Sizes Available

Uses

WaveBlok FC is the ideal noise reduction solution for multi-family, commercial, residential, hotels, bedrooms, music rooms, laundry rooms, home theaters, and conference rooms.

Approvals

WaveBlokTM FC is tested in accordance with these UL Assemblies: UL-U340, UL-U327, UL-U305, UL-U309, UL-U305, UL-U301, UL-V311, UL-U376, UL-U340, UL-U327, UL-L528, UL-450, UL-V496, UL-L521, UL-L518, UL-L550, UL-U528.

WaveBlok FC has been tested in accordance with ASTM D3273-00 (2005) Standard Test Method for resistance to growth of mold on the surface of interior coatings in an environmental chamber:

Ratings = 10 (No Growth/Complete Resistance)



Reduces Noise
Up To 75%

ASSEMBLY	IIC	STC
Ceramic tile over WaveBlok FC on 6" concrete non-isolated slab	51	46
Ceramic tile over WaveBlok FC on wood joist with 1.5" thick gypsum concrete topping	55	50
1/2" Engineered hardwood over WaveBlok FC on 6" concrete non-isolated slab	47	46
1/2" Engineered hardwood over WaveBlok FC on wood joist with 1.5" thick gypsum concrete	55	54
8" Concrete slab with an insulated acoustical drop ceiling below & laminate hardwood flooring on top	58	58
Ceramic tile over WaveBlok FC on 6" concrete non-isolated slab with drop ceiling		57



Innovative Metals Company, Inc.

4648 South Old Peachtree Road
Norcross, GA 30071
(800) 646-3826
www.imetco.com

Installation

1. Position WaveBlok™ FC with EVA (black) side in accordance with the flooring used: See below
2. Place edge to edge multiple pieces of WaveBlok FC to complete the coverage of the room being treated
3. Add desired flooring on top of WaveBlok FC as per recommended installation techniques.
 - Carpet layers can go directly on top
 - Wood floors can be nailed directly on top
 - Laminate floors can be floated directly on top
 - Ceramic Floors can have the adhesive compound added to the top surface of WaveBlok FC then add the ceramic tile to complete the job

Vinyl and Carpet Flooring: Felt up

All other flooring, including self leveling: Felt down

Sustainability

The WaveBlok family of sound control products was designed using reprocessed materials that would ordinarily be land filled.

We retrieve these materials from numerous locations across the U.S.A. and transform them into new, value-added products in our Mount Airy, North Carolina manufacturing facility.

The products and processes we have created stem from over 60 years of materials development and specialty processing experience.

All of our products, at end of use, are completely recyclable. If a local recycler is not capable of processing the materials, they may be returned to IMETCO for reprocessing.

They are processed into "like" products and returned once again into viable sound control solutions!



IMETCO

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