

ACOUSTIC FLOOR MAT 35

DATA SHEET

Product Properties

Material	Mixed-cell PU elastomer (polyurethane)
Color	Bordeaux red
Dimensions	4.9' x 2.45' x 5/8"
Common Applications	Hotels, Supermarkets, Healthcare, MEP Rooms, Clubs and Bars, Cinemas
Certifications	• ETA-21/0142 • VOC A+



Impact sound reduction 35 dB

according to EN ISO 717-2

Material Properties

		Test Methods	Notes
Thickness	5/8" / 3/8"	EN ISO 29770	Wave-profiled
Dynamic stiffness s'	≤ 5 MN/m ³	EN 29052-1	
Compressibility c (d _L - d _B)	3/64"	EN ISO 29770	
Flammability	Class E	EN ISO 11925-2	Classification as per EN13501-1
Thermal conductivity λ	0.42 BTU·in/(h·ft ² ·°F)	EN 12667	
Temperature range	-20 °F to 158 °F		Higher temperatures possible for short periods
Load range	≤ 512 lb/ft ²		

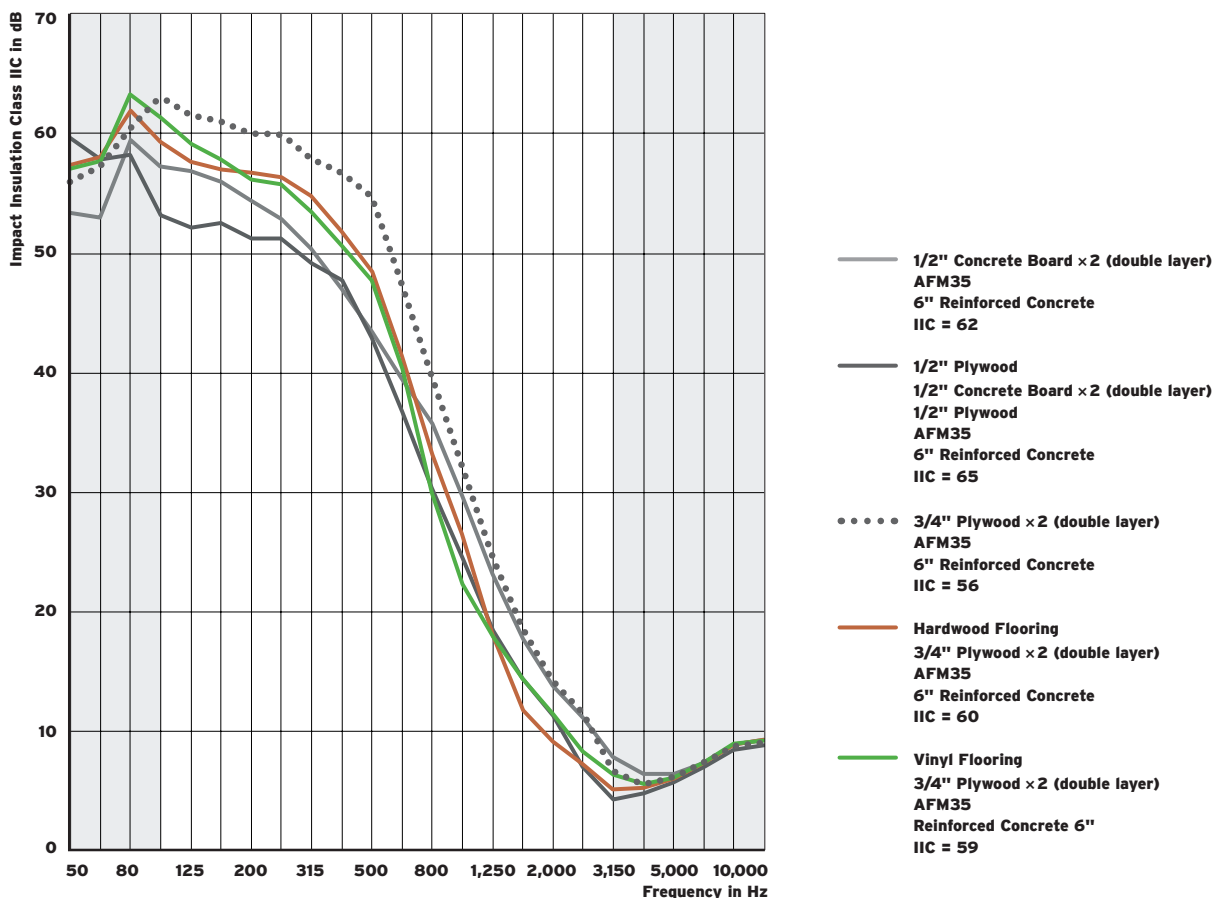
Measured Acoustic Performance

Structural Floor	Floor Build-Up	Value*	Hardwood	LVP
Reinforced Concrete 6"	1/2" Concrete Board x 2 (double layer)	STC	59	
		IIC	62	
		HIIC	73	
	1/2" Plywood 1/2" Concrete Board x 2 (double layer) 1/2" Plywood	STC	59	
		IIC	65	
		HIIC	74	
	3/4" Plywood x 2 (double layer)	STC	58	59
		IIC	56	59
		HIIC	63	70

* Acoustic performance based on third-party laboratory measurements conducted without a suspended ceiling.
Testings as per ASTM E90 / E492.
Ratings as per ASTM E413 / E989.
Laboratory results may not reflect on-site conditions. Test reports available upon request.

Frequency Dependent Impact Sound Pressure Level

Tapping machine excitation



Product Benefits

- Very high acoustic performance at limited thickness, efficient in low frequencies
- Excellent long-term material behavior with low creeping and proven durability over decades
- Compatible with underfloor heating and cooling
- Easy handling and quick installation

Recommendation

The waves must always be placed downward, facing the supporting floor.

Standard Delivery

Mat Dimension	4.9' x 2.45' x 5/8"
Pallet (70 items = 847 ft²)	4.92' x 2.62' x 3.94'

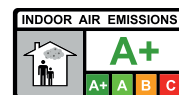
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All information and data are based on our current knowledge. They can be used in calculations and for reference purposes, but is subject to typical manufacturing tolerances and does not represent warranted properties. Subject to change without notice.



ETA-21/0143

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