



**DRAGONBOARD® USA**

## DragonBoard Sound Rating Chart

Test	STC	IIC	Framing	Flooring	Sound Mat	Clips or Resilient Channel	Hat Channel	Insulation	Drywall
ASTM E492		47	10" 16 ga Steel	1.6mm Vinyl Sheet	No	RSIC-1	25 gauge 7/8"	3-1/2" Fglass	2 Layers 5/8"
ASTM E90	59		10" 16 ga Steel	none	no	RSIC-1	25 gauge 7/8"	3-1/2" Fglass	2 Layers 5/8"
ASTM E492		57	10" 16 ga Steel	11.1 mm Carpet	9.5 mm Pad	24 ga RC-1	no	3-1/2" Fglass	2 Layers 5/8"
ASTM E492		41	10" 16 ga Steel	1.6 mm Vinyl Sheet	no	24 ga RC-1	no	3-1/2" Fglass	2 Layers 5/8"
ASTM E492		43	10" 16 ga Steel	9.9 mm Laminate	2.16 Foam Underlayment	24 ga RC-1	no	3-1/2" Fglass	2 Layers 5/8"
ASTM E492		50	10" 16 ga Steel	12.7 mm Stone Tile	Thinset	RSIC-1	25 gauge 7/8"	3-1/2" Fglass	2 Layers 5/8"
ASTM E492		43	10" 16 ga Steel	none	none	RSIC-1	25 gauge 7/8"	3-1/2" Fglass	2 Layers 5/8"
ASTM E492		64	10" 16 ga Steel	11.1 mm Carpet	9.5 mm Pad	RSIC-1	25 gauge 7/8"	3-1/2" Fglass	2 Layers 5/8"
ASTM E492		48	10" 16 ga Steel	9.9 mm Laminate	2.16 Foam UL	RSIC-1	25 gauge 7/8"	3-1/2" Fglass	2 Layers 5/8"
E492/E90	54	45	10" 16 ga Steel	2.5 mm LVT	2.0 mm mat	25 ga RC-1	none	3-1/2" Fglass	1 Layer 5/8"
E492/E90	55	48	10" 16 ga Steel	2.5 mm LVT	2.0 mm mat	25 ga RC-1	none	3-1/2" Fglass	2 Layers 5/8"
E492/E90	55	49	10" 16 ga Steel	2.5 mm LVT	5.0 mm mat	25 ga RC-1	none	3-1/2" Fglass	1 Layer 5/8"
E492/E90	56	50	10" 16 ga Steel	2.5 mm LVT	5.0 mm mat	25 ga RC-1	none	3-1/2" Fglass	2 Layers 5/8"

DragonBoard test reports are available upon request - [info@dragonboard.com](mailto:info@dragonboard.com)

**Visit DragonBoard® for product literature, install guides and additional information at [DragonBoard.com](http://DragonBoard.com)**

*Premium Mgo. Unparalleled Performance, Exceptional Value.*

DragonBoard is a fire-rated, UL certified structural subfloor panel. DragonBoard Magnesium Oxide [MgO] panels offer unparalleled performance, exceptional value, and sustainable construction.

**DBUSA SOUND RATING CHART REVISED JULY 16, 2020**



**UL Designs G575 (FLOOR/CEILING)**