

# HERCULES IMPACT-RESISTANT PANELS

Primacoustic Hercules™ panels are absorption panels that are designed to withstand the abuse of environments such as gymnasiums, offices, classrooms, and other public occupancy spaces. While most acoustic panels are delicate and susceptible to damage, Hercules will help to reduce reverberation while looking like new after repeated impact.

Hercules impact-resistant panels are manufactured from a high-density (6pcf/96kg/m<sup>3</sup>) glass wool core as Primacoustic Broadway panels, but the face of the panel is covered with a 3mm (1/80") thick 20 lbs/ft<sup>3</sup> (320 kg/m<sup>3</sup>) high density rigid fiberglass layer. This facing allows the panel to effectively absorb most frequencies, but the protection will prevent damage occurring from accidental contact. Whether someone bumps into the panel, or a basketball bounces off it in a gymnasium, the Hercules panel will remain looking fresh and intact. This durable facing even allows for the use of thumbtacks in the panel, making it ideal for office spaces or schools.

Hercules panels measure 24"x48"x2" (60x120x5cm) with square edges, and are available in beige or grey acoustically transparent fabric.



**SPECIFICATIONS:**

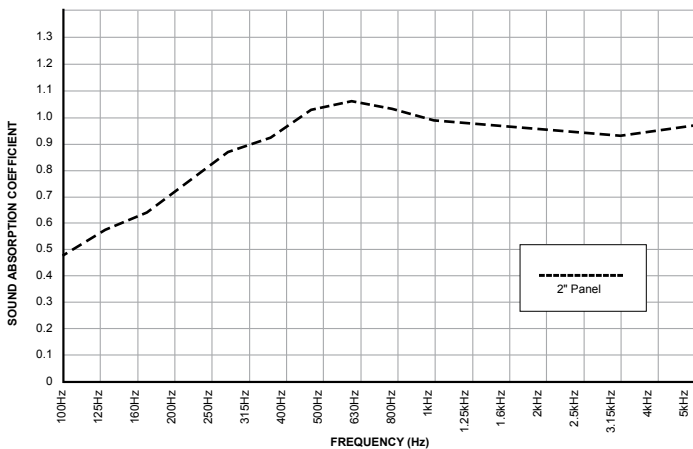
<b>CORE MATERIAL DENSITY</b>	Formed, semi-rigid inorganic glass fibers, 6.0 lbs pcf (96 kg/m <sup>3</sup> )
<b>FABRIC FACING</b>	High-density layer 20 lbs/ft <sup>3</sup> (320 kg/m <sup>3</sup> ) with rigid acoustically transparent polyester
<b>BACKING</b>	Glass wool tissue micromesh
<b>EDGE TREATMENT</b>	Sealed and hardened with resin
<b>RECYCLED CONTENT</b>	Up to 51%
<b>LEED ELIGIBLE</b>	Yes

**ABSORPTION CHARACTERISTICS:\***

Sound absorption coefficient data

PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
2" (51mm) Depth	0.58	0.82	1.50	1.00	0.97	0.95	0.98

\* Testing performed by Riverbank Acoustical Laboratories. The test method conform explicitly with the requirements of the ASTM Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method: ASTM C 423-02a and E795-05.



**FIRE & BURN PERFORMANCE:**

COUNTRY	TEST STANDARD	CLASSIFICATION
USA	ASTM E84-17	Class A/1

**PRODUCT RANGE:**

ORDER NO.*	Thickness	Color	Weight / per	QTY
F202-2448-03	2" (51mm)	Beige	8.3 lbs / 3.8 kg	6
F202-2448-08	2" (51mm)	Grey	8.3 lbs / 3.8 kg	6

**APPLICATION:**

