

# CELLUZORBE

SPEC SHEET

- ✓ **Controls Echo & Reverb**
- ✓ **Reduces Airborne Sound Transmission**
- ✓ **Fast and Easy Install**
- ✓ **Class A Fire Rated**
- ✓ **Renewable/Recycled Fibers**
- ✓ **Low Cost per Sq Ft**



CELLULOSE-BASED ACOUSTICAL & THERMAL PANELS  
**90%+ RECYCLED CONTENT**

<b>Material:</b>	Cellulose, Recycled Cotton, and PET Fibers
<b>Patterns:</b>	Fibrous, Flexible
<b>Features:</b>	Low Cost, Highly Absorptive, High R-value, Lightweight, Mold Resistant
<b>Application:</b>	DIY acoustic panels, acoustical backer, restaurants, bars, offices, schools, gymnasiums, hotels, houses of worship, entertainment venues, auditoriums
<b>Thickness:</b>	1/2", 1", & 2"
<b>Sizes:</b>	24" x 48", 48" x 96"
<b>Color:</b>	Natural
<b>Thermal Resistance:</b>	3.7 per inch
<b>Flammability:</b>	ASTM E84, Class A.   Flame Spread: 15   Smoke Developed: <450 (Class A)
<b>Installation:</b>	Acoustical Adhesive

### ENVIRONMENTALLY RESPONSIBLE AND SUSTAINABLE:

We manufacture CelluZorbe from a combination of recycled and renewable fibers. The manufacturing process is designed to reduce energy used, air pollution, and waste. No scrap is created during manufacturing. It all goes into the panels. And then the panels themselves are completely recyclable. The cellulose we use in CelluZorbe is made mostly from post-consumer and post-industrial paper, with recycled newspaper being the primary raw material.

### ACOUSTICAL PERFORMANCE:

We maximize the sound absorption qualities of CelluZorbe by optimizing the design and density of this fibrous acoustical panel. CelluZorbe acoustical panels achieve NRC ratings of 0.80 at 1" thick and 1.00 for the 2" thick panel.

### PRODUCT SAFETY:

CelluZorbe Acoustic & Thermal Panels have a Class A fire rating. They do not produce any harmful airborne particles and will not itch or irritate skin like fiberglass insulation. CelluZorbe can be left exposed or covered up.

## Sound Absorption / Noise Reduction Coefficient

Size	Mount	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1/2" Thick	Wall Mounted	0.05	0.09	0.33	0.64	0.87	1.01	0.50
1" Thick	Wall Mounted	0.09	0.26	0.54	1.05	1.05	1.08	0.80
2" Thick	Wall Mounted	0.39	0.63	1.18	1.11	1.06	1.09	1.00

