



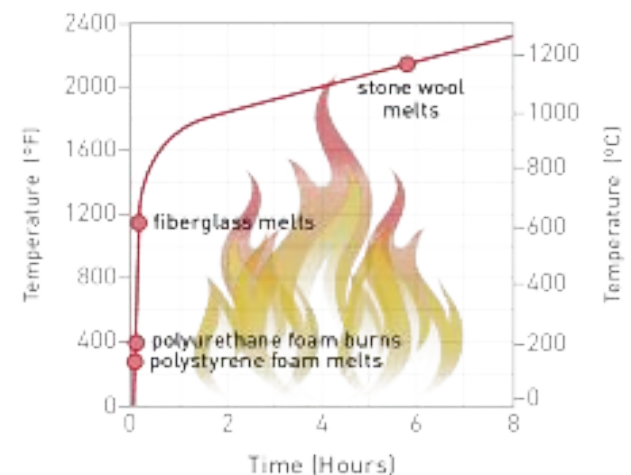
Fire protection is always a concern in interior products. Let me first explain the way products are rated in fire tests. In the standard tunnel test two things are measured; "flame spread" and "smoke developed". Numbers are then given to the product according to these standard testing procedures. For flame spread, Class A requires 25 or less while the smoke developed rating is 150 or less from and 450 for others.

### Class A fire protections ( Flame Spread: 0, Smoke Developed rating: 0 )

The fact is that fiberglass board, our closest competitor, is rated barely Class A in most tests at flame spread 25. Every manufacturer I have ever researched uses Class A cloth to cover their product and claims a Class A product when the fact is... the cloth, fiberglass board, and glue that holds it all together burns like crazy as a unit.

In the past , when this type of product was the only choice available, I can see how using it was necessary. However, now that the Patented Perdue Acoustics products having been on the market for several years, with a flame spread 10 and a smoke developed 95 as a unit, I do not know how long it will be before the use of such other products could not be deemed down right negligent! There is no one who detests frivolous lawsuits more than myself, but this, a real issue can get to be a real problem real quick. We have developed better products at Perdue Acoustics. Our acoustical products have the highest NRCs, best compressive and tensile strengths, best fire ratings and do not cost more than our fiberglass counterparts.

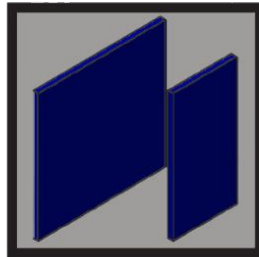
Temperature Development In A Standard Fire (ASTM E119)



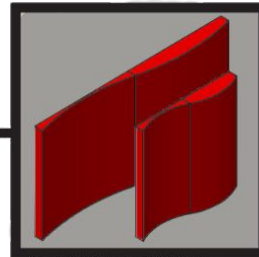
### Class A fire protections (Flame Spread: 10, Smoke Developed rating: 95)



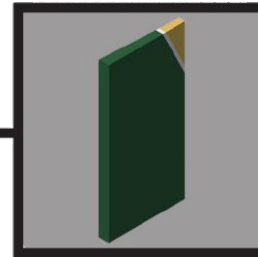
# PANEL TECH SPECS



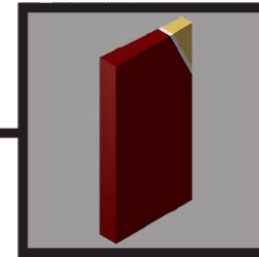
FLAT PANEL



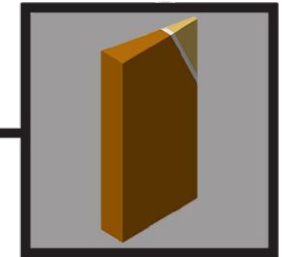
WAVE™



WEDGE



MEGA WEDGE™



MAX WEDGE™

## FLAT PANEL

Ideal for the walls in offices, conference rooms, and classrooms, the Flat Panel can also be used to add absorption to a ceiling surface.

- Industry leader in sound absorption with a 33% increase in overall absorption over 2" Fiberglass Panels
- Unmatched Class A fire protection as a complete panel assembly
- Customized with a square, bevel, or radius edge
- Regular or PVC-hardened edge finish
- Perfect product to help negate echo (2" spec)

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
.31	1.05	1.67	1.50	1.37	1.30	1.40*

\*Spaced Arrangement

Also available in 1", 3" and 4"

## WAVE

The Wave™/EconoWave™ Diffusers\*\* provide an aesthetic option in youth rooms, video conference rooms, cafes, and gymnasiums

- 72% increase in low frequency absorption over 2" Fiberglass Panels
- 52% increase in overall absorption over 2" Fiberglass Panels
- Unmatched Class A fire protection as a complete panel assembly
- Waves from 1" to 3" across the width of the panel

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
.50	1.10	1.72	1.86	1.63	1.48	1.60*

\*\*Wave™ Diffusers available in 2' widths and EconoWave™ Diffusers available in 4' widths

\*Spaced Arrangement

## Wedge™

• Slope from 1 3/16" to 3 3/16" across the 2' width of the panel

- 72% increase in low frequency absorption over 2" Fiberglass Panels
- 52% increase in overall absorption over 2" Fiberglass Panels

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
.50	1.10	1.72	1.86	1.63	1.48	1.60*

## EconoWedge™

• Slope from 1 3/16" to 3 3/16" across the 4' width of the panel

## MegaWedge™

• Slope from 3 3/16" to 5 3/16" across the 2' width of the panel

- 390% increase in low frequency absorption over 2" Fiberglass Panels
- 86% increase in overall absorption over 2" Fiberglass Panels

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1.42	1.61	2.19	2.13	1.89	1.75	1.95*

## EconoMegaWedge™

• Slope from 3 3/16" to 5 3/16" across the 4' width of the panel

## MaxWedge™

• Slope from 1" to 7" across the 2' width of the panel

- 341% increase in low frequency absorption over 2" Fiberglass Panels
- 110% increase in overall absorption over 2" Fiberglass Panels

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1.28	1.71	2.51	2.40	2.08	1.90	2.20*

## EconoMaxWedge™

• Slope from 1" to 7" across the 4' width of the panel

\*Spaced Arrangement