

PERDUE ACOUSTICS
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Announcing the New Micro-Perforated Vinyl Mega-Wedge Diffsorber

An acoustical problem has reared its ugly head in sanctuaries and auditoriums for decades. The problem is with so much high frequency absorption present in the room in the form of carpet, drapes and curtains. This makes it impossible to bring the room into acoustical balance. A broad band of low and mid frequency absorption is needed to balance or offset the effects of these multiple and large volume high and mid frequency absorbers. In test after test, we see 125, 250 and 500 Hz at twice the desired reverberation while 2000, 4000 and 8000 are half the desired reverberation time.

Perdue Acoustics introduced the Wedge system for the first time ever at NSCA last year, a complete system of interchangeable reflectors, diffusers and absorbers. The response to this new product line was so overwhelming, it accounts for one third of Perdue Acoustics' total production after just 8 months of manufacture. The absorber literally broke every record for absorption product, by leaps and bounds, with a NRC of 1.30 in a tight configuration on the test chamber floor, and when separated in both directions by 2', a NRC of 1.95 and 1.42 at 125 Hz.

These low frequency absorption numbers were astronomical, and the chunky 5 3/8" thick sloped front product showed diffusive characteristics as well. This led to further development of the absorber that became the only acoustical product to win a 2000 entry as a "50 Best Products" for the National Systems Contractors Association!

Research and development came up with the exact "combination" when the units were wrapped with just the right weight and thickness of micro-perforated vinyl. A Mega-Wedge diffsorber that keeps its incredible, best in the world, low and mid low absorption, while blocking the high frequencies to exactly match the descending reverb times. We've seen this happen in 90% of the sanctuaries tested! "An absorption match made in heaven," is the best way to describe the new micro-perforated vinyl Mega-Wedge diffsorber. By Perdue Acoustics...of course!!!!

Perdue Acoustics: Honesty, Integrity, Innovation, & Value!