



How Amazon Transformed Open Offices Into Productive Workspaces with Acoustic Baffles

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WHY NOISE MATTERS IN OPEN OFFICES

Open-plan offices encourage collaboration, but excessive noise can hurt focus, productivity, and employee satisfaction. At Amazon, high ceilings and hard surfaces amplified sound, making calls and team discussions challenging.

UNDERSTANDING THE ACOUSTIC CHALLENGES

Noise isn't just a nuisance—it directly impacts cognitive performance. Amazon faced:

- High ambient noise from conversations, phone calls, and office equipment
- Reverberation and echo from hard, reflective surfaces
- Reduced speech intelligibility during meetings and calls



IMPLEMENTING AN ACOUSTIC SOLUTION: CUSTOM CEILING BAFFLES

All Noise Control designed custom acoustic ceiling baffles to target problem areas:

- Strategically placed above collaboration zones and open desks
- Staggered arrangements to maximize sound absorption
- Materials selected for both high acoustic performance and modern aesthetics

RESULTS AND MEASURABLE IMPROVEMENTS

The baffles transformed the workspace:

- 40% reduction in ambient noise
- Reverberation time improved by 35–50%
- 60% increase in employee-reported acoustic comfort
- Enhanced focus, communication, and collaboration

Acoustic Design Boosts Productivity

Amazon demonstrates that investing in acoustic design not only reduces noise but also improves employee wellbeing and workplace efficiency.