



# Enhancing Acoustic Comfort with Ceiling Grid Panels

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Ceiling grid panels are an effective solution for improving the acoustic environment in various spaces. These panels are designed to reduce noise levels and minimize reverberation, creating a more comfortable and productive atmosphere.

### **Key Features:**

- **High NRC Rating:** Ceiling grid panels typically have a Noise Reduction Coefficient (NRC) ranging from 0.70 to 1.00, depending on the material and thickness. This rating indicates the panel's effectiveness in absorbing sound, thereby reducing echo and improving speech clarity.
- **Fire Safety Compliance:** Many ceiling grid panels meet ASTM E84 Class A fire safety standards, ensuring they are suitable for use in commercial and public buildings.
- **Aesthetic Appeal:** Available in various sizes, shapes, and finishes, these panels can be customized to match the interior design of any space, providing both functional and visual benefits.

## Applications:

- **Offices & Conference Rooms:** Reduce background noise and improve communication in open-plan offices and meeting spaces.
- **Healthcare Facilities:** Create a quieter environment in hospitals and clinics, promoting patient comfort and staff efficiency. OSHA+1SVI BREMCO+1
- **Educational Institutions:** Enhance learning environments by minimizing noise distractions in classrooms and lecture halls.

## OSHA Compliance:

The Occupational Safety and Health Administration (OSHA) sets standards to protect workers from excessive noise exposure. In environments where noise levels exceed 85 decibels over an 8-hour period, OSHA mandates the use of hearing protection. By installing ceiling grid panels that absorb sound and reduce overall noise levels, employers can help bring noise levels within OSHA's permissible limits, thereby reducing the risk of hearing damage and improving workplace safety.