



Understanding Acoustical Ceilings: The Key to Noise Control and OSHA Compliance



Acoustical ceilings are an essential part of modern building design, particularly in environments where noise control and safety are paramount. By absorbing sound, they create quieter, more comfortable spaces. Acoustical ceilings not only improve acoustics but also play a critical role in meeting regulatory standards, such as those set by OSHA (Occupational Safety and Health Administration) for noise exposure.

Key Products for Acoustical Ceilings:

- **B10LAG1:** Designed for high-performance noise absorption, this product is perfect for offices and other open spaces that require sound isolation.
- **B10LAG2:** Offering superior soundproofing capabilities, the B10LAG2 excels in environments where reducing noise between rooms is crucial.
- **B10LAG:** This versatile product is ideal for a variety of spaces, providing an excellent balance between noise control and cost-effectiveness.

OSHA Compliance and STC Ratings: Acoustical ceilings help businesses comply with **OSHA's** noise exposure regulations. OSHA mandates that if workers are exposed to noise levels above 90 decibels for 8 hours, hearing protection must be provided. By installing acoustical ceilings with high STC (Sound Transmission Class) ratings, businesses can significantly reduce noise levels and mitigate the need for additional protective measures.