

Noise Modeling with INSUL and SoundPLAN Presented by Navcon Engineering

Wednesday May 25th, 2011 1:30 pm to 3:00 pm
Banff Spring Noise Conference

Presenter: Hans Forschner, Dipl. Ing.
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Sound Insulation Prediction with INSUL



- Discussion - Noise Modeling Theory
- Discussion - Accuracy of Noise Model Predictions
- **Software Presentation with Examples:**
Prediction of Single Panel Walls, Double Stud Walls, Floors, Windows, Composite Wall Construction, Rain Noise Analysis, Impact Sound Insulation for Concrete and Light-Weight Floors, Sandwich Panels, Corrugated Steel Panels

Noise Prediction Modeling with SoundPLAN



- Introduction to Environmental and Interior Noise Modeling
- Discussion - Project & Data Management
- Discussion - Noise Control Planning & Optimization, Noise Wall Design
- Discussion - Results Documentation & Noise Graphics
- **Software Presentation with Examples:**
Wind Energy Project, Combine Cycle Power Plant, Rail & Road Noise Project, Race Track Noise, City Wide Noise Analysis, Indoor Noise Model

Who should attend: Students, Acoustical & Environmental Engineers, anyone that is interested in Architectural Acoustics and Environmental Noise Modeling