



INTUS
W I N D O W S

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Course Title: Sound Abatement of Fenestration Products

Course Date: TBD

Number of Course Learning Units: 1.00 HSW/LU

CES Provider: INTUS Windows

Course Description:

This presentation will focus on sound: what is it, how it is measured, it's sources, and how it affects human health and well-being. We will outline the differences of STC v. OITC – the way sound transmission performance is rated. Fenestration solutions and specifications will be discussed in a comparative analysis, and we'll review scientific and medical studies on chronic sound exposure. Project case studies will be reviewed with a focus on creative fenestration solutions to meet enhanced sound abatement criteria.

Learning Objectives:

1. Learn what sound is, how it is measured, and rated
2. Understand the health risks of chronic exposure, safe noise levels for living and work environments, and the sources of sound
3. Learn the difference between fenestration materials as well as double, triple, and laminated windows and compare their sound abatement qualities
4. Review case studies of effective fenestrations for sound insulation in areas with high levels of noise