The new sound control requirements established by the National Building Code of Canada 2015 (NBCC) don’t have to be complicated. Your solution? SilentFX®.

The NBCC’s introduction of the apparent sound transmission class rating (ASTC) raised sound control requirements to a new level. As compared to the traditional sound transmission class (STC) ratings, ASTC ratings provide a better reference standard for comfort and well-being. These ASTC solutions are examples of smarter building practices and products that have been tested by the National Research Council Canada. A main provision of the new ≥47 ASTC rating involves sound transmitted through flanking paths. These paths are more abundant in wood frame construction, but with SilentFX® products, you’ve found a direct solution to meeting ASTC ratings especially for the construction of more affordable 6 storey wood buildings.

SilentFX® QuickCut™ Type X Drywall combined with SilentFX® Noiseproofing Sealant and SilentFX® Noiseproofing Putty create an excellent acoustic system for meeting and exceeding STC and ASTC specifications without complex techniques such as isolation clips or resilient channels. This system also helps reduce material usage versus traditional gypsum systems that require numerous layers of drywall.

**SILENTFX® QUICKCUT™ TYPE X DRYWALL**
Superior acoustic performance by combining noise-reducing, laminated drywall with sound-dampening, viscoelastic polymer. SilentFX® QuickCut™ Type X is the only ASTC laminated drywall that is third party tested by the National Research Council of Canada.

**SILENTFX® NOISEPROOFING SEALANT**
Acoustic caulk used to reduce sound transmissions by filling gaps between walls, ceilings and floors.

**SILENTFX® NOISEPROOFING PUTTY**
Heavy mastic acoustic putty formulated to completely seal electrical outlet boxes, ducts, cables, etc. that could jeopardize acoustic-rated wall assemblies.

**SUSTAINABLE INSULATION NOISE REDUCER**
Noise Reducer insulation products are designed for wood stud interior, commercial and residential walls and floors to effectively reduce transmission of airborne sound and provide thermal insulation.
The information contained in this document is for general purposes only. Product features and specifications are subject to change. The installation details and stated ASTC ratings are meant to serve only as a guide. Actual ASTC ratings will be dependent on construction practices, flanking sound patterns and the integrity of the wall. CertainTeed Gypsum cannot guarantee actual ASTC ratings. SilentFX QuickCut™ Type X should be stored and handled in accordance with the recommended practices outlined in the data submittal sheet. Assemblies with sound ratings from the NBCC Code Tables or Code Alternative Tests require acoustical sealant applied around electrical boxes, other openings and at junctions of intersecting walls and floors. Check your local Codes.

EPD = CertainTeed Type X (Montreal, Toronto and Vancouver plants) and Sustainable Insulation
HPD = CertainTeed SilentFX QuickCut, Type X and Sustainable Insulation

**ASTC 54 ASSEMBLY**

- 38 mm x 89 mm (2” x 4”) wood studs
- 400 mm (16”) o.c. staggered
- 15.9 mm (5/8”) Type X Noise reducing drywall on both sides
- 38 mm x 140 mm (2” x 6”) wood plate.