

TRAVINO VICTORIA, BC, CANADA

Achieving Acoustic Excellence
in Light Wood Frame Buildings

PREFACE

The Travino project in Victoria, BC, stands as a successful example of how an innovative acoustic solution can meet the demands of modern mid-rise residential construction. This six-story, 60,000 sq. ft. development required advanced sound insulation to enhance residents' comfort while adhering to local seismic standards. By integrating Soprema Acoustiboard and Soprema Acoustivibe system, AcoustiTECH ensured that the project achieved both superior acoustic performance and compliance with lightweight construction requirements, setting a new benchmark in residential building design.

CHALLENGE

The Travino project faced two major challenges:

- *Maintaining high acoustic performance while adhering to the stringent weight restrictions imposed by local seismic regulations.*

The project needed to ensure excellent sound insulation without increasing the building's structural load, all while preparing for future code changes.

ACTION

AcoustiTECH collaborated closely with the Travino teams from the planning stage. AcoustiTECH recommended the Soprema Acoustiboard and Soprema Acoustivibe system—lightweight solutions that delivered high-impact sound insulation without compromising the structure's seismic compliance. AcoustiTECH's involvement included consultation and on-site support to ensure seamless integration and optimal acoustic performance throughout the project.



PROJECT SPECIFICATIONS

- **Total Area Delivered by Soprema:** 60 000 sq. ft.
- **Storeys :** 6
- **Construction Type :** Light Wood Frame
- **Completion :** 2019

KEY STAKEHOLDERS

- **Architects :** Continuum Architect
- **Developer / General Contractor :** Geric Construction
- **Acoustic Engineer :** RWDI

ACOUSTIC SOLUTION

- **Acoustic System :** Soprema Acoustiboard + Soprema Acoustivibe



RESULTS

The Travino project not only met but exceeded expectations in terms of acoustic performance. The use of the **Soprema Acoustiboard** and **Soprema Acoustivibe** system resulted in:

- AIIC (Apparent Impact Insulation Class) of 59 and ASTC (Apparent Sound Transmission Class) of 56.
- Enhanced Living Environment: Significantly reduced noise levels, creating a more comfortable living space.
- Positive Feedback: Residents have reported a marked improvement in sound quality, contributing to a better quality of life.

AIIC

59

ASTC

56



"For over 25 years, we've been developing high-performance acoustic and structural solutions. Our mission is to help our customers realize their vision by optimizing the acoustics of their projects."

Vincent Moreau

Co-owner - Executive Vice-President Sales
Innovation & Strategic Development - Sustainability Ambassador
AcoustiTECH

CONCLUSION

The success of the Travino project highlights AcoustiTECH's ability to provide cutting-edge acoustic solutions tailored to complex construction challenges. This project serves as a model for future mid-rise residential developments, combining innovative design with exceptional performance. Looking to enhance the acoustic performance of your next project? Contact AcoustiTECH today to discover how our tailored solutions can meet your needs.