

1361 GOLDSTREAM VICTORIA, BC, CANADA

Achieving Acoustic Excellence
in Light Wood Frame Buildings



PREFACE

The Lakeside project features two six-story residential buildings thoughtfully designed to showcase views of Langford Lake and the adjacent parklands. This ambitious project prioritizes both acoustic excellence and sustainability. Understanding the significance of sound quality in enhancing resident comfort, the development integrates innovative acoustic solutions.

CHALLENGE

The project's main challenge was to :

- Find a *lighter, more flexible solution that could meet the project's strict acoustic standards and the difficult soil conditions.*

ACTION

AcoustiTECH collaborated with Verity Construction to design and implement a lightweight acoustic system. The **Soprema Acoustiboard** and **Soprema Acoustivibe** system was chosen for its ability to deliver superior sound insulation without adding unnecessary weight. From the initial design phase to on-site support, AcoustiTECH provided expertise to ensure the system was installed effectively.

PROJECT SPECIFICATIONS

- **Total Area Delivered by Soprema :** 100 000 sq. ft.
- **Storeys :** 2 x 6 storeys building
- **Construction Type :** Light Wood Frame
- **Completion :** 2024

KEY STAKEHOLDERS

- **Architects :** WA Architects
- **Developer :** Seacliff Properties
- **Builders :** Verity Construction
- **Acoustic Engineer :** RWDI

ACOUSTIC SOLUTION

- **Acoustic System :** [Soprema Acoustiboard](#) + [Soprema Acoustivibe](#)



EXPECTED RESULTS

While testing has yet to be completed, the integration of the [Soprema Acoustiboard](#) and [Soprema Acoustivibe](#) system is expected to deliver outstanding acoustic performance. The system is anticipated to meet—and potentially exceed—the target results, including significantly reduced noise levels and improved sound insulation. These enhancements will contribute to a quiet, more comfortable living space for residents.



"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 Lakeside project demonstrates AcoustiTECH's ability to deliver tailored acoustic solutions for complex residential projects. By integrating an advanced dry-topping system, the project set a new standard for mid-rise constructions, ensuring acoustic performance, and resident comfort. This achievement reinforces AcoustiTECH's leadership in innovative acoustic solutions for residential architecture. Interested in optimizing acoustic performance for your next project? Contact AcoustiTECH to learn more about our tailored solutions.