

MAESTRIA MONTREAL, QC, CANADA

Achieving Acoustic Excellence
in Concrete Buildings



PREFACE

The Maestria project, located in the heart of Montreal, is a prestigious residential complex featuring two iconic towers. This project was designed to offer luxurious living while adhering to strict acoustic standards, made possible through collaboration with AcoustiTECH.

AcoustiTECH was selected to provide acoustic solutions for this high-end project. The primary objective was to ensure optimal acoustic performance that matched the luxurious architecture and sophisticated interior design of the Maestria project.

CHALLENGE

The project's main challenges was to :

- *Achieve exceptional acoustic performance to meet strict standards*
- *Ensure residents were insulated from urban noise*
- *Maintain the luxury design and structural integrity of the building.*

ACTION

AcoustiTECH responded to these challenges by recommending the **AcoustiTECH Lead 3.3** system combined with **AcoustiTECH AD532+** and **AD844 MS** adhesive. This solution had already proven successful in similar high-end projects. AcoustiTECH worked closely with the developers to integrate this acoustic system seamlessly into the construction process. By providing on-site consultation and support, AcoustiTECH ensured that the installation maintained both the luxury aesthetic and superior sound insulation.

PROJECT SPECIFICATIONS

- **Total Area Delivered by AcoustiTECH** : 42 700 sq. ft.
- **Storeys** : 2 x towers (58 and 61 storeys)
- **Construction Type** : Concrete
- **Completion** : 2024

KEY STAKEHOLDERS

- **Architects** : Lemay
- **Real Estate Developer** : Devimco
- **General Contractors** : Edyfic
- **Interior Designer** : Blazys Gerard
- **Engineering** : NCK and Dupras Ledoux
- **Landscaping Architects** : Relief Design

ACOUSTIC SOLUTION

- **Acoustic System** : **AcoustiTECH AD-844MS**, **AcoustiTECH AD-532+** and **AcoustiTECH Lead 3.3**



EXPECTED RESULTS

While the project is still ongoing and testing has yet to be completed, the integration of the **AcoustiTECH Lead 3.3** system combined with **AcoustiTECH AD532+** and **AD844 MS** adhesive is expected to deliver outstanding acoustic performance, perfectly suited for the high-end living experience the Maestria project aims to offer. The system is anticipated to meet—and potentially exceed—the target results, including significantly reduced noise levels and enhanced sound insulation. These improvements will ensure that residents enjoy the serene, private, and luxurious environment expected in a premium residential development.



"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 Maestria project demonstrates AcoustiTECH's ability to deliver acoustic solutions that meet the high standards of luxury living. By integrating cutting-edge technologies and innovative materials, AcoustiTECH continues to set new benchmarks in the industry, ensuring that acoustic comfort is a cornerstone of high-end residential projects. This collaboration positions both AcoustiTECH and its partners as leaders in the luxury construction market. Interested in optimizing acoustic performance for your next project? Contact AcoustiTECH to explore our range of tailored solutions.