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Mississauga mall installs large sound barrier walls to mitigate loading dock noise

The Winston Churchill Power Centre in Mississauga recently installed two large AIL Sound Walls to mitigate noise from two loading docks adjacent to a townhome development.



Project at a glance:

Name: Winston Churchill Power Centre

Location: Mississauga, ON

Owner: CREIT

Owner: RONA

Architect: Alex Rebanks Architects

Contractor: Rochon Building Corporation

Product: Silent Protector (Absorptive)

Sector: Commercial

Application: Noise barrier for commercial loading areas

Dimensions: Height 6.8 m, Length 55 m

Installation Time: Two weeks

Double-sided protection

One of the walls, for a RONA Building Centre, required sound absorption on both sides of the wall — on the dock side to control truck engine and loading noise, and on the outer alley side to absorb traffic noise along the back of the building.

A double-sided Silent Protector (Absorptive) solution

For the RONA application, we used our larger, double-channel steel posts, flange-mounted in a continuous concrete footing with the Silent-Protector panels placed back to back in each channel. The other application for a grocery store (below right) did not require the sound absorption on the outer side.

An industry leader in commercial sound mitigation

With their lightweight PVC construction and design flexibility, AIL Sound Walls are seeing increased use in commercial developments looking to control noise with economical and versatile sound barriers for:

- Big Box Stores
- Hospitals
- Residential Developments
- Distribution Facilities
- Mechanical Barriers
- Roof-Top System Surrounds
- Loading and Unloading Docks



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