

CATEGORY : ACOUSTIC

CONCRETE BARRIER-MOUNTED NOISE WALL

DESCRIPTION

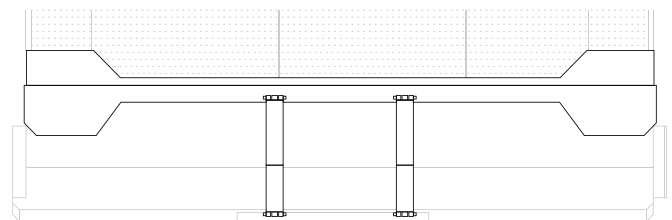
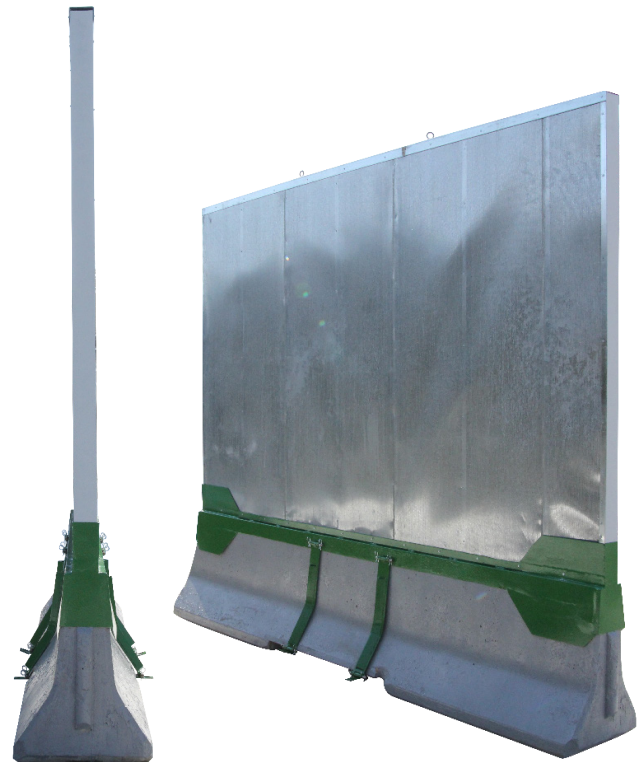
- Precast rigid reinforced concrete barrier compliant with CCDG standards and Tome VIII – Restraint Devices (Chapter 5 and diagrams DN-VIII-5-001 and DN-VIII-5-002) of the MTQ.
- Precast rigid reinforced concrete barrier manufactured in a plant certified to CSA A23.4 standards.

APPLICATION

- Reduces noise pollution.
- Controls debris and material projection into adjacent traffic lanes.
- Can be converted into a marketing asset by applying your branding or advertising of choice.
- Enhances safety in construction and work zones.

NOTE

- This wall can be used as a marketing tool by adding your logo or promotional messaging.
- For optimal stability, the assembly can be anchored to the ground and/or reinforced with lateral supports as required by the contractor.



Acoustic Ratings

NRC	1.0
STC	43
Deflection	Zero under 10" of water pressure

Technical data

Available Thickness	2" or 4"
Footprint	±2' wide x ±13' long
Exposed Wall Height	±10' - 9"
Weight (Panel & Support)	±800 lbs
Wind Resistance	Up to 80 km/h gusts

Acoustic performance

Octave Band Center Frequency (Hz)	125	250	500	1K	2K	4K
Absorption Coefficients	0.98	1.10	1.06	0.96	0.95	0.74
Transmission Loss (TL)	24	32	44	55	57	64

Characteristics

External Wall Type	Galvanized Steel
External Wall Material	Galvanized Steel
External Wall Thickness	16 Gauge
External Surface Type	Perforated Metal
Internal Wall Material	22 Gauge
Acoustic Core Material	Mineral Wool
Media Density	2.8 lbs / 3 ft
Protective Film	None
Internal Reinforcement	'C' Reinforcements – 16 Gauge
Reinforcement Spacing	18"

NOTE : Research and development is a continuous process with us as improvements are made from time to time, specifications/ dimensions may change without notice. Tolerances in dimensions are as per international standards.