



**BARRIER FENCE**

- ✓ Made in Canada
- ✓ Sound Barrier Wall System
- ✓ 3" Thick Sound Reducing Panels

# **BARRIER FENCE- 3"**

**An Industry Leader in Sound Barriers**

Barrier Fence has been engineered to provide the utmost amount of sound reduction. Such as commercial, industrial, climate, and traffic noise. Our sound wall fence is lightweight, low maintenance, and easy to install.

- ➔ Low maintenance
- ➔ Designed for the Canadian climate
- ➔ Tested to withstand 220 kph winds
- ➔ Extremely durable
- ➔ Sound tested receiving an STC rating of 22, and an OITC rating of 23
- ➔ Easy to install

***Quick to install, durable, and economical insulated steel Barrier Fence.***



**SOUND GUARD™**

Toll Free: 1-888-751-5324

info@barrierfence.ca

www.barrierfence.ca,

Saskatoon, SK, Canada

Made in Canada





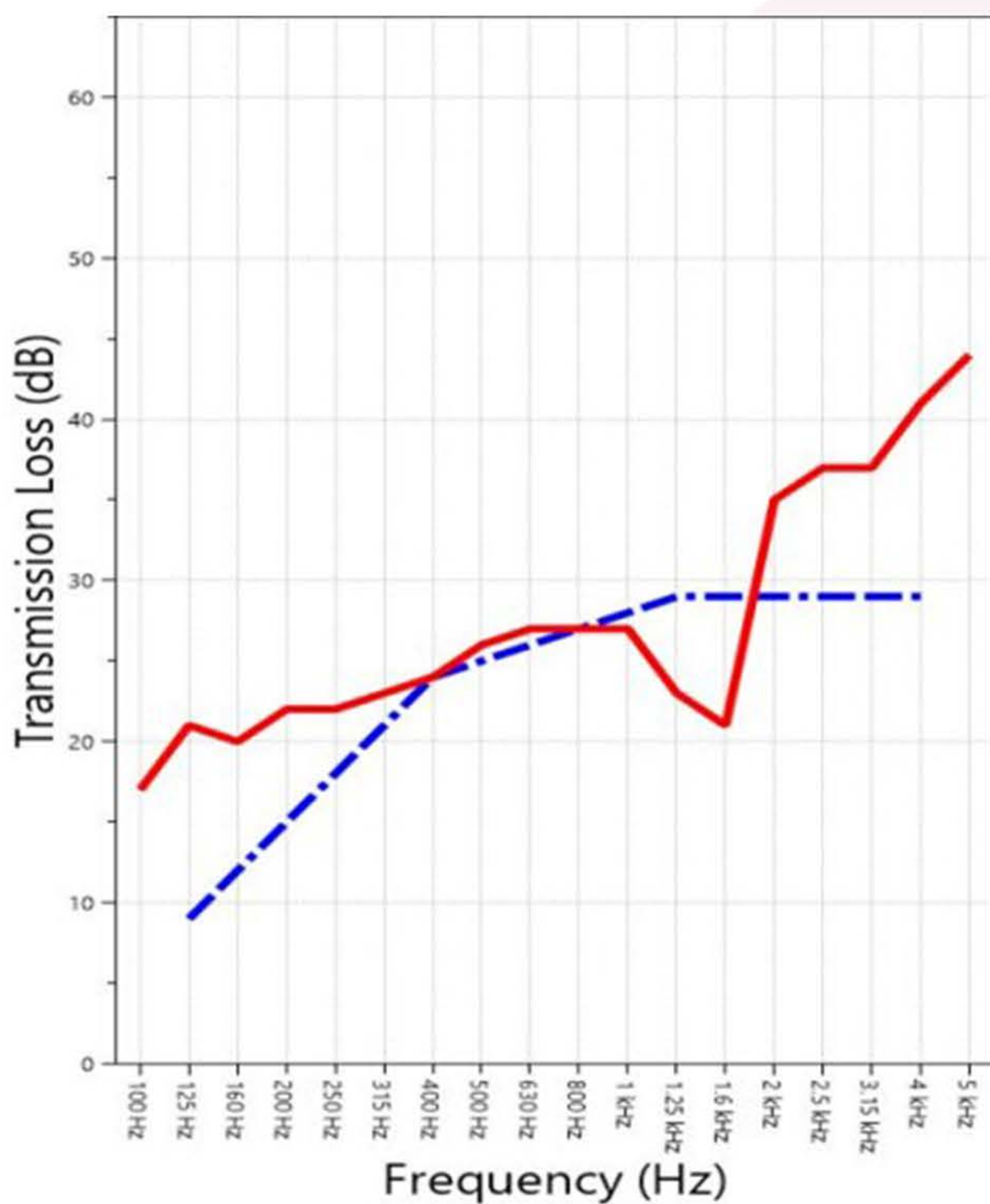


# BARRIER FENCE-3"

## A Silent Protector

### RECOMMENDED FOR

- ▶ Industrial
- ▶ Commercial
- ▶ Strata
- ▶ Condos
- ▶ Townhouses
- ▶ Parks



Sound testing was completed at an accredited U.S. Department of Commerce, National Institute of Standards and Technology lab. Across all frequency's tested Barrier Fence sound wall had an average transmission loss of 27 dB. Scoring an STC rating of 22, and an OITC rating of 23.

#### Sound Transmission Testing

- STC = 22 OITC = 23
- ASTM E413-16: Classification for Rating Sound Insulation.
- ASTM E90-09 (2016): Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements.

#### Legend:

- TRANSMISSION LOSS
- - - SOUND TRANSMISSION CLASS CONTOUR



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# BARRIER FENCE-3"

Industrial, Commercial, and Institutional

## COLOUR OPTION

Black

Grey

Walnut

Applied Load: 2300 Pa (48 psf)\*

**Vertical Post Above Anchorage** **PASS**

Span(L) 2413 mm (95 in)

Net Deflection 103.9 mm (4.09 in) No permanent

Net Permanent Set: 17 mm (0.67 in) damage

**Horizontal Panel Member** **PASS**

Span (L) 2210 mm (87 in)

Net Deflection: 7.9 mm (0.31 in) No permanent

Net Permanent Set: 0.1 mm (0.01 in) damage

### Wind Load Testing

- Uniform Design Load (ASTM E330-14), 1530 Pa (32.0 pfs), PASS.
- Uniform Proof Load (ASTM E330-14), 2300Pa (48.0psf ), PASS.
- Fence panel passed laboratory simulated wind speed testing of 220 kph.

Wind testing was done in accordance with ASTM E330-14 testing methods at a certified laboratory. Barrier Fence passed a laboratory simulated wind speed testing of 220 kph.



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