

## **15007 Construction Materials – Noise Barriers**

### **Index**

15007-1	Noise Barriers	2
1.1	Concrete Noise Barriers	2
1.2	Transparent Noise Barriers	3

**15007-1     Noise Barriers****1.1            Concrete Noise Barriers****Product Description:**

- Precast concrete panel

**Conforming to:**

- CAN/CSA-S6 Canadian Highway Bridge Design Code; or
- AASHTO Guide Specification for the Structural Design of Sound Barriers, 1989 edition incorporating 1992 & 2002 amendments; or
- AASHTO LRFD Bridge Design Specification 6th Edition (2012).
- ASTM-E413

**Product Use:**

- Reduce traffic noise

**Standard Construction Specification Reference:**

- N/A

**Approved Products: Manufacturer – Model**

- Expocrete Concrete Products Ltd. (now Lafarge Canada Inc.) – AB Fence
- Pre-Con Limited – Verti-Crete Sound Wall
- Solid Rock Fencing – StoneTree Concrete Fence
- Lafarge Canada Inc. – Precast Concrete Noise Barrier (Provisionally Approved)

*All products must meet specification. This section is intended as a guide to products that comply. The Specifications take precedence over this section. Products included in this section must still be proven to comply by the supplier. To have a product added or approved, see Sections 11000, 11001, 11002.*

**1.2            Transparent Noise Barriers****Product Description:**

- Transparent thermoplastic panel

**Conforming to:**

- CAN/CSA-S6 Canadian Highway Bridge Design Code; or
- AASHTO Guide Specification for the Structural Design of Sound Barriers, 1989 edition incorporating 1992 & 2002 amendments; or
- AASHTO LRFD Bridge Design Specification 6th Edition (2012).
- ASTM-E413

**Product Use:**

- Reduce traffic noise

**Standard Construction Specification Reference:**

- N/A

**Approved Products: Manufacturer – Model**

- Evonik Industries (formerly Cyro) – Acrylite Soundstop Noise Barrier
- Forster – Fonocon Transparent Noise Barrier

*All products must meet specification. This section is intended as a guide to products that comply. The Specifications take precedence over this section. Products included in this section must still be proven to comply by the supplier. To have a product added or approved, see Sections 11000, 11001, 11002.*

**End of Specification 15007**