

NOISE CONTROL /

# DURISOL PRECAST NOISE BARRIERS



ATTRACTIVE, SOUND-ABSORPTIVE WALLS MADE OF DURABLE, FIELD-PROVEN  
DURISOL MATERIAL

---

Armtec's Durisol precast noise barriers are made of a proprietary material consisting of organic softwood shavings processed to an acoustically engineered size and bonded together under pressure with Portland cement. Durisol is highly sound absorptive, porous, rigid, non-combustible, thermally insulating and freeze-thaw resistant.

Durisol precast noise barriers are panel and post systems. They are engineered in-house and specify the size for posts and the depth and diameter of footings. Standard steel posts or optional concrete posts can be accommodated.

Our standard systems are noise absorptive on both sides. They can also incorporate solid noise reflective or transparent elements, as well as integrated traffic barriers and retaining wall panels.

**Visual appeal**

Wide variety of architectural textures, patterns and colours

**Acoustical Characteristics**

Noise Reduction Coefficient of 0.70 or greater

**Panel and post design**

Lightweight, easy-to-install systems

**TYPICAL APPLICATIONS**

- Roads and highways
- Bridges
- Acoustic enclosures
- Residential developments

**MITCHELL SYSTEM**



Posts are spaced 3.65m apart

**Wall height**

Engineered for heights up to 6m

**Versatile**

Ideal for slope conditions, directional changes and areas with difficult site access

**Flexible**

Panels can be modified on-site for short bays

**RICHMOND SYSTEM**



Posts are spaced 4.56m apart

**Wall height**

Engineered for heights up to 11m or more

**Economical**

Fewer panels reduces on-site handling and installation costs

**OHIO SYSTEM**



Posts are spaced up to 7.3m apart

**Wall height**

Engineered for heights up to 11m or more

**Cost-effective**

Longest post spacing of the Durisol systems

**Unique**

Ideal for straight runs of wall with good site access where noise absorption is not required on the residential side

**DURISOL NOISE BARRIER/RETAINING WALL**



Combination noise barrier/retaining wall system

**Innovative design**

Noise barrier and retaining wall panels are stacked on top of each other

**Minimal space requirements**

Useful in tight spaces

**Functional**

Well-suited for areas where there are grade differences between the two sides of a barrier