

The background of the entire page is a photograph of a noise barrier wall. The wall is composed of dark grey, rectangular panels held together by vertical metal posts. The wall recedes into the distance on the right side. A concrete curb runs along the base of the wall in the foreground. A large, semi-transparent green shape is overlaid on the top right portion of the image, containing the logo and some text.

Durisol
NOISE BARRIER SYSTEMS

DURISOL.COM

DURISOL PRECAST NOISE BARRIER PRODUCT GUIDE

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

VISUAL APPEAL

POST & PANEL DESIGN

SOUND ABSORBING

95% RECYCLED MATERIAL

40+ YEAR SERVICE LIFE

Durisol® is the proprietary name of a durable, lightweight and cementitious composition. It is made of chemically neutralized and mineralized organic softwood shavings which are specially processed to an acoustically engineered size and are bonded together under pressure with Portland cement.

The material is sound-absorbent, noncombustible, vermin and rot proof. Durisol® is self-draining and highly resistant to weather exposure including: freeze-thaw, road de-icing chemicals and fungicides.

All Durisol® noise barrier systems are engineered in-house, specifying the post size and the depth and diameter of footings. Standard steel posts or optional concrete posts can be accommodated.

STANDARD COLOURS



1004B NATURAL



1082D TAN



1538B GREY



02589 TAN



09187 GREY



11988 BROWN

***Use this palette as a guide only.** Durisol's absorptive texture will offer a different & more three dimensional look. It should also be noted that wall colours will vary during the day as they go from sun to part-sun to shade.

TYPICAL APPLICATIONS

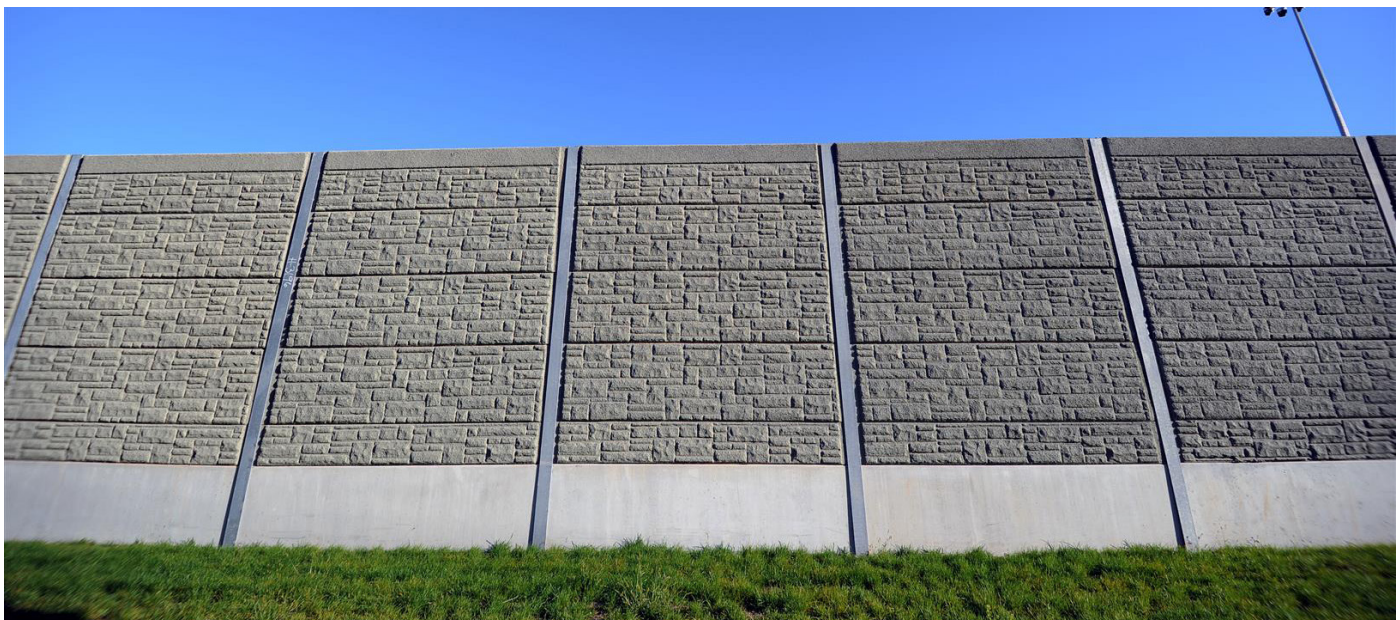
- Roads and highways
- Bridges
- Acoustic enclosures
- Wind farms
- Hydro stations
- Residential developments
- Industrial & commercial sites

PRODUCT FEATURES

- Lightweight
- Absorptive
- Noncombustible
- Vermin & rot-proof
- Thermally insulating
- Freeze-thaw resistant



Search for us on the **How It's Made You Tube Channel**



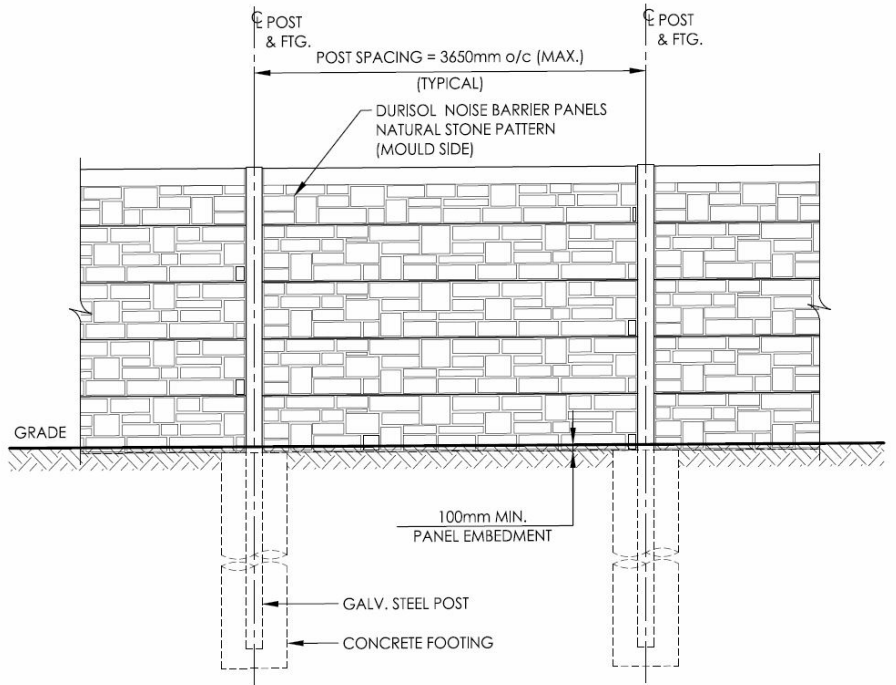
NB12 SYSTEM

The NB12 is a post and precast panel noise barrier system with standard centre-to-centre post spacing of **12ft (3.65m)**. The NB12 system can be engineered for wall heights up to 33ft (10m) or more. Panels are a standard size of 12ft (3.65m) long by 20in (0.5m) high.

The standard NB12 panel system is sound absorptive on both sides with an optional integrated traffic barrier. It can also incorporate single sided absorptive or reflective retaining wall panels or transparent elements.

The NB12 system is flexible in many ways. It is ideal for slope conditions, directional changes, and difficult site access situations. Precast panels can easily be modified for short bays on site.

Simplified technical drawing



NB12 Basket Weave Pattern
TORONTO, ON



NB12 Natural Stone Pattern
HAMILTON, ON

PATTERNS & TEXTURES

Production times may vary based on patterns and availability of moulds. Durisol also offers custom patterns - **please contact us for your custom pattern inquiries.**

MOULD SIDE

LID SIDE

NB12

			
PLAIN FLAT	NATURAL STONE	FLUTE	BASKETWEAVE

NB12

				
PLAIN FLAT	VERTICAL SPLIT	TRIPLE SPLIT	SINGLE SPLIT	ASHLAR BLOCK
				
ASHLAR 2 BLOCK				





NB15

			
PLAIN FLAT	NATURAL STONE	BOARD PATTERN	RIB

NB15

				
PLAIN FLAT	NATURAL STONE	SINGLE SPLIT	DOUBLE SPLIT	5 SPLIT
				
VERTICAL SPLIT	ASHLAR 2 BLOCK	ASHLAR BLOCK		

NB24

			
PLAIN FLAT	NATURAL STONE	RIB	DRYSTACK

NB24

		
ROLLED ASHLAR	ROLLED DRYSTACK	ROLLED BRICK



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Durisol Ltd. is the market leader in the noise barrier industry across North America.
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Drawings and product details are for information and/or illustrative purposes only, and may vary.
Please contact your local Durisol representative for the most current product information.