



Introducing the world's strongest structural plate.

- ▶ Wider Spans
- ▶ Higher Covers



Highway Underpass  
Corner Brook, NL

ail.ca



Atlantic Industries Limited  
**We Support You.**



Strong enough to support today's largest mine equipment.

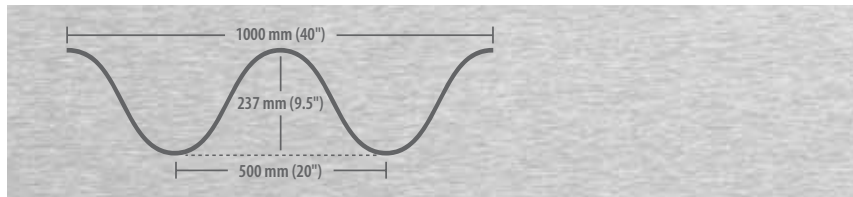
## Large or small, AIL has the right structural plate solution.

- 1 **Ultra-Cor®**  
Extra-deep-corrugated for the largest applications, including box culverts
- 2 **Super-Cor®**  
Deep-corrugated for larger applications, including box culverts
- 3 **Bolt-A-Plate®**  
Standard corrugated, for medium and small applications



## Taking structural plate to a new dimension.

With the introduction of Ultra-Cor®, AIL is taking engineered structural plate to new dimensions in capability and performance. As the world's deepest corrugation profile, Ultra-Cor® combines all the advantages of lightweight construction with previously-unheard-of strength and durability to create the largest corrugated metal structures in the world today. With an impressive 500 mm (20") pitch and 237 mm (9.5") depth, its ultra-large corrugations allow it to reach greater spans and withstand the heaviest of loads. And, just like all AIL engineered solutions, Ultra-Cor® ships and installs easily with minimal equipment and labour requirements.



- ▶ The world's strongest corrugated steel plate
  - ▶ Handles extreme loadings
  - ▶ Spans up to 40 m (131')
  - ▶ Stockpile heights up to 80 m (262')
  - ▶ Corrugation profile of 500 mm (20") pitch × 237 mm (9.5") depth
  - ▶ Available in: Box Culverts and Standard, Low, Medium, or High Profile Arches
  - ▶ Bottomless designs are environmentally-friendly
  - ▶ Available with Best-Kote™ Polymer Coating
- ▶ **Structural Plate Arches and Bridges** ▶ **Grade Separations**  
 ▶ **Road or Rail Underpasses** ▶ **Stream Crossings** ▶ **Box Culverts**  
 ▶ **Heavy Haul Road Arches** ▶ **Stockpile Tunnels** ▶ **Portals and Canopies**





Ultra-Cor® is breaking new ground in efficient infrastructure solutions for the mining, transportation and public works sectors.





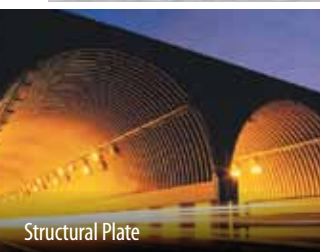
## Products

- ▶ AIL Sound Walls
- ▶ Aluminized Pipe
- ▶ Best-Kote™ Structural Plate Coating
- ▶ Big R Prefabricated Bridges
- ▶ Bolt-A-Plate® Structural Plate
- ▶ Bolt-A-Bin® Wall Systems
- ▶ Corrugated Steel Pipe and Accessories
- ▶ Dur-A-Span® Aluminum Structural Plate
- ▶ Gabion Basket Systems
- ▶ Guiderail Systems
- ▶ Hi-Flo® Pipe
- ▶ Steel Bridge Decking
- ▶ Steel Sheet Piling
- ▶ STORMAWAY™ Stormwater Management Systems
- ▶ Super-Cor® Structural Plate
- ▶ Ultra-Cor® Structural Plate
- ▶ Vist-A-Wall™ MSE Structural Wall Systems

## Applications

- ▶ Box Culverts
- ▶ Bridge Abutments
- ▶ Conveyor Covers and Overcasts
- ▶ Crusher Walls and Ramps
- ▶ Culverts
- ▶ Detour Bridges
- ▶ Drainage Systems
- ▶ Fish Passages
- ▶ Golf Course Bridges
- ▶ Grade Separations
- ▶ Headwalls and Wingwalls
- ▶ Heavy Haul Road Arches
- ▶ Pedestrian and Trail Bridges
- ▶ Pedways
- ▶ Pipes
- ▶ Portals and Canopies
- ▶ Protection Structures
- ▶ Retaining Walls
- ▶ Road or Rail Underpasses
- ▶ Road Salt and Other Storage Structures
- ▶ Small and Medium Span Arch Bridges
- ▶ Stockpile and Escape Tunnels
- ▶ Stormwater Management
- ▶ Stream Crossings
- ▶ Utilidor Systems
- ▶ Vehicular Bridges
- ▶ Ventilation Systems
- ▶ Wildlife Crossings

The information and suggested applications in this brochure are accurate and correct to the best of our knowledge and are intended for general information purposes only. These general guidelines are not intended to be relied upon as final specifications and we do not guarantee specific results for any particular purpose. We strongly recommend consultation with an Atlantic Industries Limited Technical Sales Representative before making any design and purchasing decisions.



Structural Plate



Wall Systems



Pipe Systems



Prefabricated Bridges



Sound Walls

Save time. Save money. Choose efficient infrastructure solutions from AIL. Visit: [ail.ca](http://ail.ca)



Atlantic Industries Limited  
**We Support You.**

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THE AIL GROUP OF COMPANIES



All products contain recycled content and are 100% recyclable.



For assistance, call toll free in North America: 1-877-245-7473. Outside North America, call: +1-506-379-9258.

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