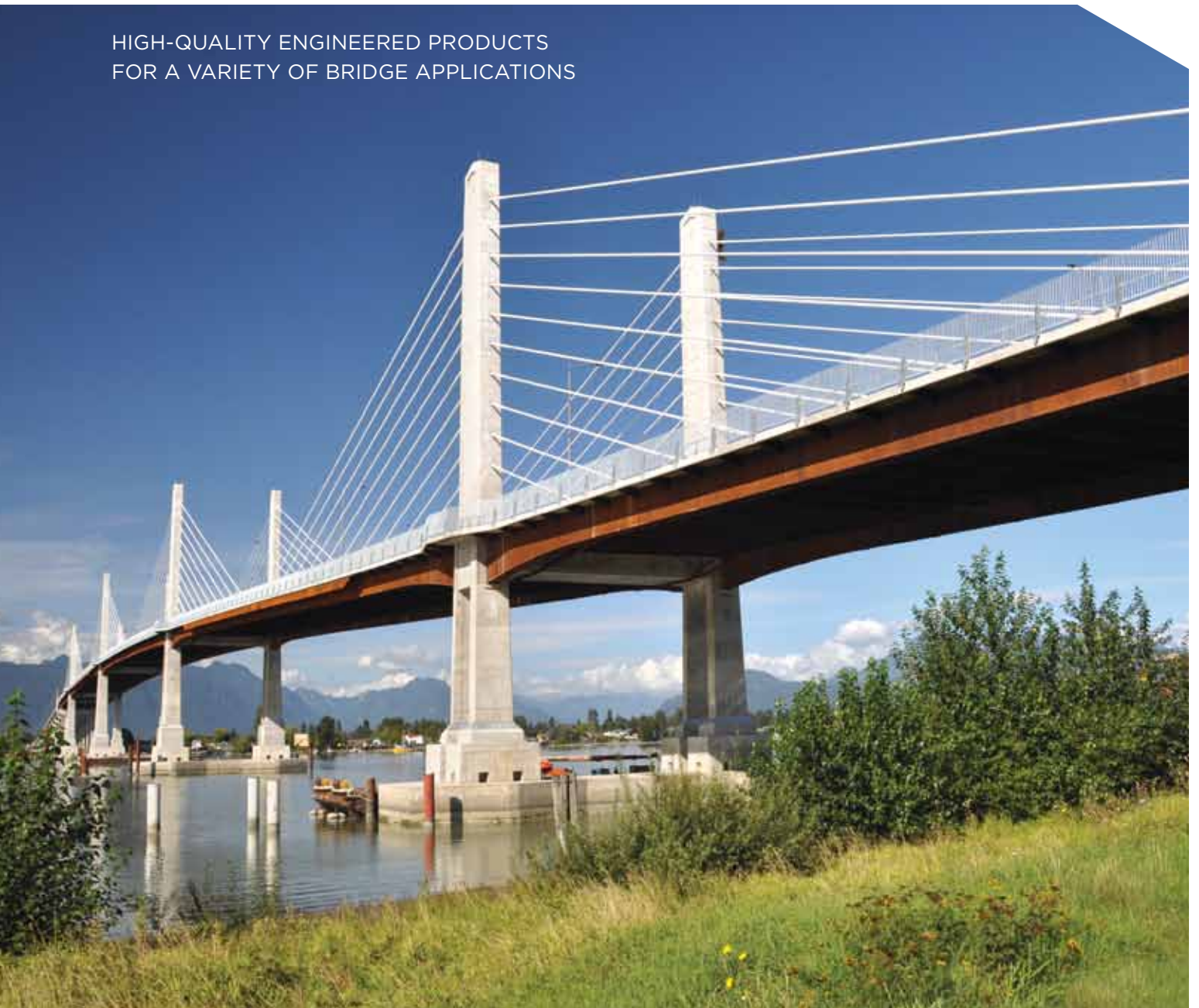


BRIDGE MATERIALS

HIGH-QUALITY ENGINEERED PRODUCTS
FOR A VARIETY OF BRIDGE APPLICATIONS



Armtec offers a wide range of high-quality engineered product solutions for bridge applications, specializing in short- to medium-span bridges. Our products are recognized for their durability, cost effectiveness and low maintenance. They are manufactured in controlled factory conditions and shipped to site for easy field installation.

Armtec's product line includes well-known brands such as BEBO concrete arches, Bridge-Plate, Mini-Span and Super-Span structural plate as well as precast concrete piles, girders and beams, and other specialized solutions.

We have achieved success by offering consistent product quality and performance, and providing unmatched technical support and customer service.

BEBO CONCRETE ARCHES



Superior strength in light concrete shell structures

Advanced technology

Capitalizes on interaction between reinforced concrete arch and granular backfill material

Versatile

Uniquely capable of ultra low profile geometries

Low maintenance

Virtually maintenance free, minimal deck icing

BIN-WALL BRIDGE ABUTMENTS



Crib-type abutment made of steel and filled with compacted granular material

Specialized applications

Ideal for remote logging, mining and access roads

Practical

Galvanized steel components can be easily bolted together, salvaged and reused

Efficient design

Reduces materials costs and project time

BRIDGE GIRDERS AND BEAMS



Pre-stressed, precast concrete girders and beams support bridge decks and traffic loads

Precast concrete

Proven strength, durability, cost effectiveness and low maintenance

In-house engineering and erection

Able to meet unique aesthetic, schedule, span and load requirements

Variety

NU, trapezoidal, box and I-girders available

BRIDGE PLANK



An easy and economical solution for constructing and re-decking bridges

Rehabilitation

Restores strength, stiffens bridges laterally and reduces rattle

Fast and easy installation

Easily bolted or welded into place, no specialized tools or equipment required

Low maintenance

Durable, galvanized planks eliminate repairs

With 48 locations including production facilities and offices across every region of Canada, Armtec is able to provide customers with industry-leading service, high-quality products and consistent product supply.

Many of our products are manufactured by Armtec, in our own quality-controlled production facilities. We also work with other suppliers to give our customers the broadest possible range of options, while acting as the main point of contact for all project needs. If the exact product is not available, we'll custom build a solution to meet unique site conditions or project specifications.

Armtec aims to make projects easier for our customers. We often work on-site, providing technical assistance and installation support to help ensure that the project goes smoothly.

TYPICAL APPLICATIONS

- Road, pedestrian, rail bridges
- Stream enclosures
- Road grade separations
- Underpasses
- Structure re-lines

BRIDGE-PLATE



Used for economical long-span, soil-steel structures

Strength

The deepest, strongest corrugations available for structural plate products

Custom fit

Assembled in the field using plates curved specifically for the shape designed

Selection

Available in range of arch, ellipse, round and box-culvert shapes

PRECAST CONCRETE PILES



Designed for load support of major engineered structures

Load support

Supports buildings, bridge abutments, retaining walls, bridges and other structures requiring load transfer at the foundation

Strength

Made to resist compression, tension, bending and torsion forces

Variety

Square, hexagonal, octagonal and round shapes, with solid or hollow core

STRUCTURAL PLATE



Cost-effective and easy-to-install alternative to conventional bridge materials

Corrugated structural plate

Versatile, durable, lightweight, made of steel or aluminum

Specialized applications

Suitable for crossings over environmentally sensitive streams

Cost-effective

Easy assembly, low installation and maintenance costs

TRUSS BRIDGES



Strong, safe and durable pedestrian and vehicular bridges in a range of styles

Quality

Custom designed, factory manufactured and shipped complete to the project location

Design options

Attractive standard and custom designs

Accessories

Handrails, integrated lighting, covered walkways, custom mesh panels and coatings available

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PRODUCT CATEGORIES WITH PRODUCT GROUPS

BRIDGE MATERIALS

BEBO Concrete Arches
 Bin-Wall Bridge Abutments
 Bridge Girders and Beams
 Bridge Plank
 Bridge-Plate
 Precast Concrete Piles
 Structural Plate
 Truss Bridges

DRAINAGE SOLUTIONS AND WATER TREATMENT

Collector Pans
 Corrugated Steel Pipe
 HDPE Pipe
 HDPE/Precast Septic Tanks
 HDPE Tubing
 Multi-Plate
 Platon
 Reinforced Concrete Pipe
 Stormwater Treatment/ Detention Systems
 Sumps/Trenches
 Ultra Flo Steel Pipe
 Water Control Products

LANDSCAPING PRODUCTS AND AMENITIES

Concrete Block Retaining Walls
 Driveways, Patios and Accessories
 Parks and Recreation
 Paving Stones
 Precast Concrete Steps
 Roofing Slabs

NOISE CONTROL

Concrete Sound Fencing
 Durisol Precast Noise Barrier
 PARAGLAS SOUNDSTOP
 Precast Acoustic Facings
 Whisper Wall

PRECAST CONCRETE BUILDINGS AND VENUES

Architectural Precast Concrete Elements
 Double Tees
 Flexwall
 Precast Concrete Panels and Walls
 Precast Concrete Structures and Elements
 Precast Slabs
 Prestressed Hollowcore Slabs
 Sports Venues

PRECAST CONCRETE GARAGES AND PARKADES

ROAD AND HIGHWAY SAFETY
 Precast Products
 Steel Products

SOIL RETENTION

Bin-Wall
 Durisol Retaining Walls
 Gabions
 Geosynthetics
 Modular Block Retaining Walls
 Steel Sheet Piling

UNDERGROUND AND UTILITIES

Cast Iron
 Communications
 Electrical
 Conveyor Covers
 Precast Tunnel Liner
 Precast Utility Pads
 Streetlight Bases and Traffic Control
 Tunnel Liner Plate
 Utility Buildings
 Water Distribution

OUR COMMITMENT

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SERVICE EXCELLENCE

We are committed to delivering the high level of service your business demands. Regional teams of experienced sales, service and technical personnel are located close to our customers and partners, ensuring that you get the products, service and advice you need, when you need them.

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CERTIFICATIONS

Armtec carries all requisite certifications at its operating sites including ISO 9001 quality certification or compliance, Canadian Standards Association (CSA) and Bureau de Normalisation du Québec (BNQ) specifications for all applicable products. For information on specific certifications, please contact your regional Armtec office.

MORE INFORMATION

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ARMTEC

For more information about Armtec products or to get your project started, please speak to your local Armtec sales and service team or visit our website at www.armtec.com.



Armtec is a leading Canadian infrastructure and construction materials company combining creative engineered solutions, relevant advice, dedicated people, proven products and a national presence with a local focus on exceptional customer service.

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