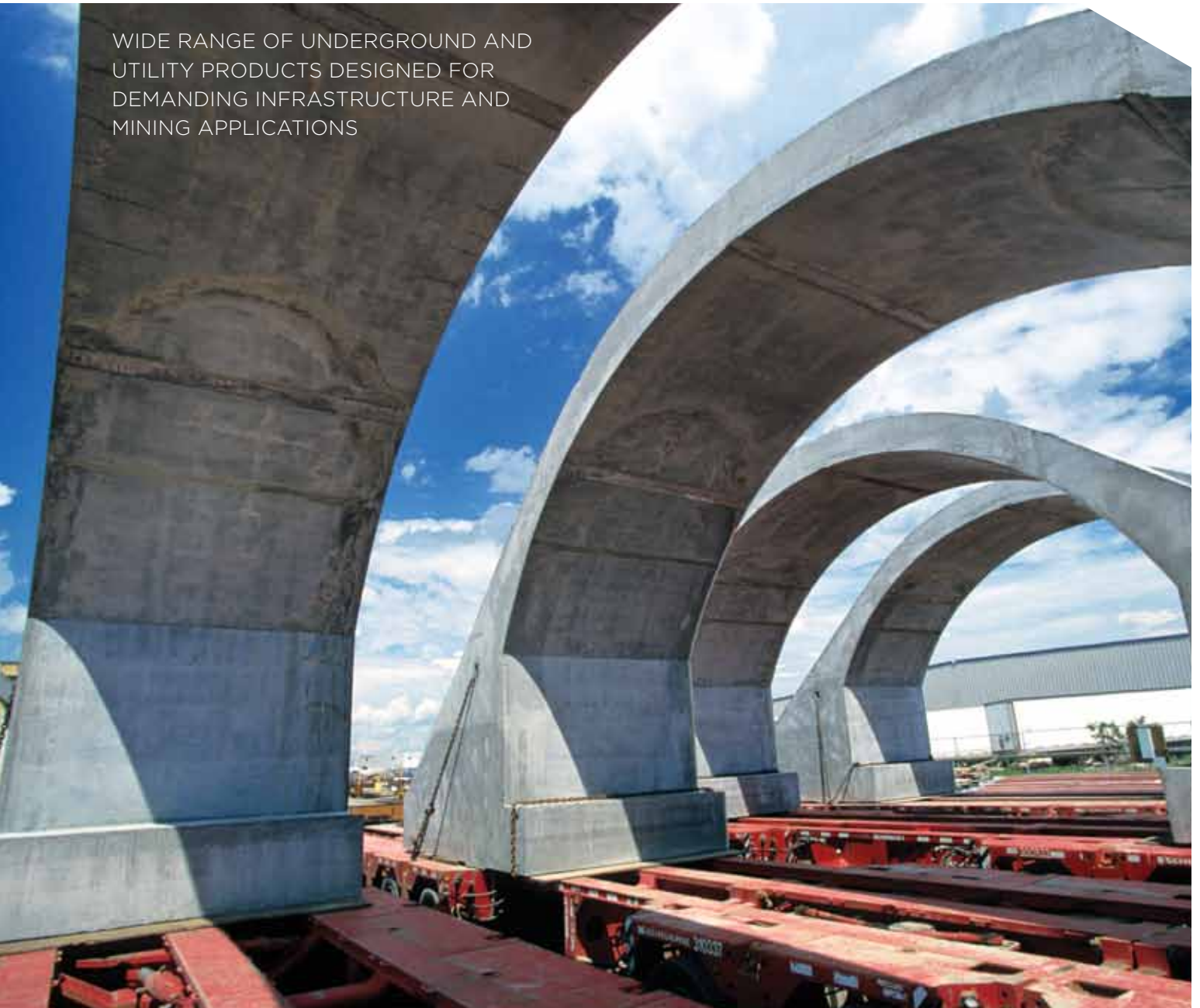


UNDERGROUND AND UTILITIES

WIDE RANGE OF UNDERGROUND AND
UTILITY PRODUCTS DESIGNED FOR
DEMANDING INFRASTRUCTURE AND
MINING APPLICATIONS



Armtec supplies tunnel liners and liner plates for transit applications, underpass structures, drainage solutions, mine portals and conveyor covers. Our economical structures have been specifically developed for demanding applications associated with the infrastructure and mining resources sectors.

We also manufacture precast concrete utility vaults and storage enclosures designed for the secure storage of equipment and utilities above or below ground.

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

Armtec's range of solutions are designed to meet the specialized needs of today's mines, including unsurpassed strength, high mobility, easy installation, reliability, functionality, versatility and lightweight handling.

PRECAST UTILITY PRODUCTS



High-quality, precast concrete utility products are built to house and protect

Quality

Proven strength, durability, low maintenance of precast concrete

Customizable

Standard and custom products available to suit customer requirements

Easy installation

Arrive ready to install, reducing labour costs and job site interruptions

PRECAST TUNNEL LINER



Specialized precast concrete products used in large-diameter bored tunnels

Custom fit

Segment thickness, length and radius designed for specific tunnel requirements

Functional

Manufactured in a series of segments that are installed in the field to form a complete ring, supporting recently excavated soils

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

- Electricity utilities
- Telecommunications
- Mining
- Subways, light rail tunnels
- Commercial applications

MINING AND CONVEYANCE



Range of solutions for mine development and operations

Value

Strength, high mobility, easy installation, reliability, functionality and versatility

Practical

Lightweight, galvanized steel structures for mine portals and conveyor tunnels and covers can be easily assembled, dismantled and re-used

Site development

Drainage, soil stabilization, vegetated erosion control and retaining wall products for mine development

TUNNEL LINER PLATE



Segmented corrugated steel plate for lining soft ground tunnels and relining existing conduits

Lightweight

Can be carried by hand into confined spaces

Safety

Assembled from inside the tunnel and grouted at regular intervals, continually generating ring support and a safe launch region

Strength

High-seam, strength-bolted connections

CAST IRON



Cast iron products complement underground utility vaults and sumps

Standardized solutions

Variety of standard products used by government and municipal agencies

Strength and safety

Withstands the dynamic forces of truck and car traffic

STREETLIGHT BASES AND TRAFFIC CONTROL



Precast concrete products for lighting, traffic signals and their respective control boxes

Standardized and specialized solutions

Variety of standard products used by government and municipal agencies, custom products manufactured as needed

“Our people were very pleased with the close fit of the lining system to the existing structure. We will certainly use the same lining system again.”

Doug Collette

Project Leader, CP Rail System

ELECTRICAL



Precast concrete products for housing power cables and transformers

Safety

Protects high-voltage equipment, and is safer than having electrical cables above ground on utility poles

Standardized and specialized solutions

Variety of standard products used by power distribution companies, custom products manufactured as needed

COMMUNICATIONS



Precast concrete products for housing phone cable/coaxial cable and fiber optics

Variety

Precast vaults and chambers offered in many sizes

Customizable

Can be customized with hatches, mounting channel inserts, cable racking, exterior damp-proofing, interior white paint, cored holes and duct bank windows

WATER DISTRIBUTION



Precast concrete products for housing valves and other equipment and instrumentation used in water distribution management

Variety

Precast vaults and chambers offered in many sizes

Customizable

Can be customized with hatches, exterior damp-proofing, interior white paint, cored holes and ladders

UTILITY BUILDINGS



Multi-purpose precast concrete storage enclosures

Strength and stability

Vandal resistant, fireproof, waterproof, maintenance free

Versatile

Can be used for storing sporting goods, tools and equipment, garbage, hazardous materials, flammable chemicals and fuels

Customizable

Range of sizes, option to customize the interior to meet specific needs



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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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