



CROSS COUNTRY CANADA SUPPLIES & RENTALS
GEOSYNTHETICS CATALOGUE

ROAD & RAIL
MSE WALLS & SLOPES
EROSION & SEDIMENT CONTROL
WATER MANAGEMENT
PIPE PROTECTION

WWW.CROSSCOUNTRYCANADA.CA
780-962-6559



2023 GEOSYNTHETICS PRODUCT CATALOGUE



Our Geo Specialist Team has more than 80 years of combined geosynthetics application experience and knowledge in supporting design teams and value engineering solutions for civil, environmental, and large oil & gas projects.

WHAT WE OFFER:

- Road construction design support including solutions for unsuitable site conditions and geosynthetic pavement design options.
- MSE Walls and Slope systems, preliminary design, stamped drawings and on-site support.
- Erosion control and slope reinforcement design support and best practice advise.
- Water management solutions for stormwater management, drainage, and filtration applications.
- High performance specialty geomembranes for environmental protection, containment, and waterproofing.

Cross Country Canada is a full industrial supply and rental company deeply rooted and well established in the industrial infrastructure sector, specializing in pipeline, railway, power grid, mining and civil construction. We have a proven track record in the successful navigation and evolution of the ever-changing needs and requirements of the market and diverse customer base.

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Accelerate construction schedules and reduce maintenance costs.

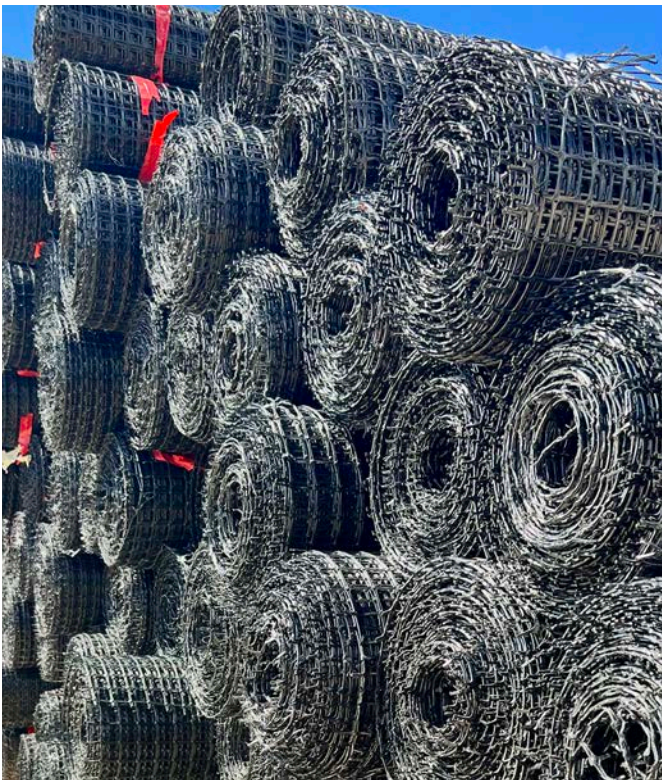
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ROAD & RAIL

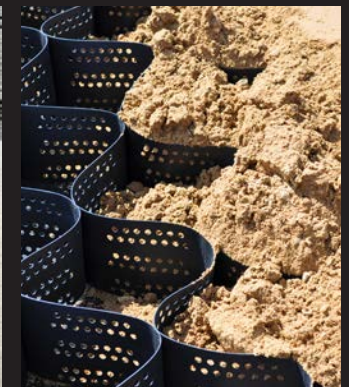
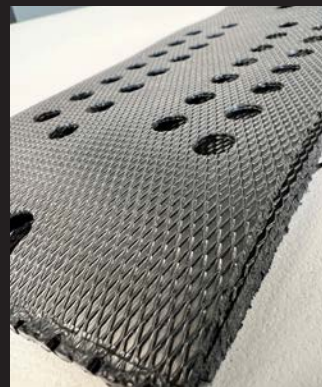
Accelerate construction schedules and reduce maintenance costs.

GEOCELL

Through an interconnected honeycomb-like network, 3D geocells confine and stabilize soils that would otherwise be unstable under loading. Geocells are efficient and economical for fast-built unpaved roadways and retaining walls, erosion control of slopes, and stormwater control in channels.

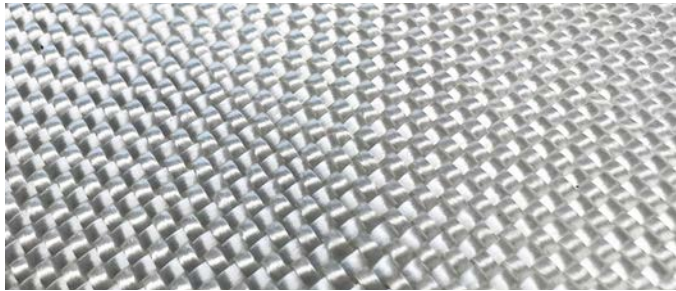


- Stabilizes infill material and controls shearing, lateral and vertical movement.
- Increases the effective structural number, allowing fill requirements and costs to be cut in half.
- Allows use of lower-quality, less costly on-site infill materials.
- Creates a stiffened base layer, and the resulting increase in base strength can be used to reduce the pavement depth design up to 30%.



GEOTEXTILES

Geotextiles consist of synthetic fibers that are made into flexible and porous engineered fabrics that contribute to construction quality control and cost effectiveness. They are typically made from polypropylene or polyester fibers



HIGH STRENGTH GEOTEXTILES

Manufactured using high tenacity polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position. Resistant to ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals.

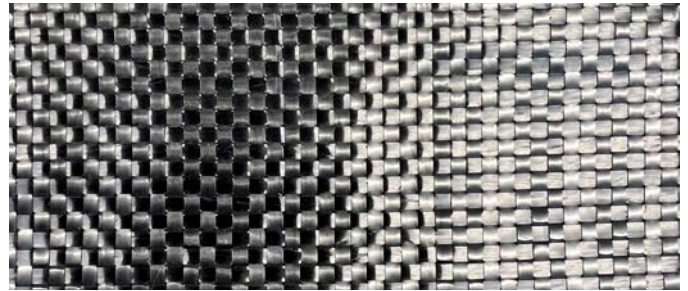


NONWOVEN GEOTEXTILES

Manufactured from either staple fibers (staple fibers are short, usually 1 to 4 inches in length) or continuous filaments randomly distributed in layers onto a moving belt to form a felt-like “web”. The web then passes through a needle loom and/or other bonding machine interlocking the fibers/filaments. Highly desirable for subsurface drainage and erosion control applications as well as for road stabilization over wet moisture sensitive soils.



that are manufactured by weaving or by needle punching bonded fibers. Geotextiles have excellent properties that enhance the behavior of natural construction materials and stabilize soils.

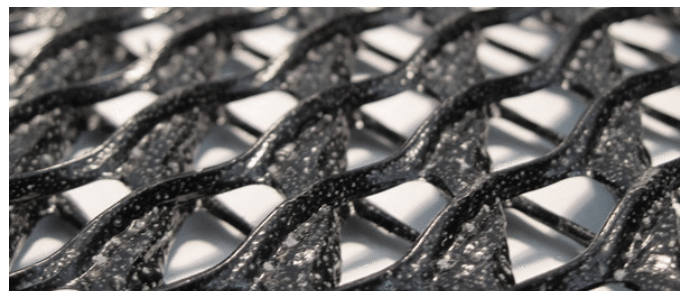


WOVEN GEOTEXTILES

Weaving is a process of interlacing yarns to make a fabric. Woven geotextiles are made from weaving monofilament, multifilament, or slit film yarns. There are two steps in this process of making a woven geotextile: first, manufacture of the filaments or slitting the film to create yarns; and second, weaving the yarns to form the geotextile.

TRIPLES

Save time (installation) and wastage with pre-sewn triple wide rolls 315lb woven geotextile for large pad projects .



GEONET/GEOCOMPOSITES

Triplanar geocomposites consist of geonet made from HDPE resin with a nonwoven polypropylene geotextile fabric heat-bonded on both sides.

GEOGRID

Used to provide stabilization and reinforcement to poor soils during construction. They are commonly made from materials such as polypropylene or polyester and are manufactured

using methods such as punching and drawing heated sheets of polypropylene or knitting together grids of polyester straps.



BIAXIAL GEOGRID

Biaxial geogrid is commonly used for soil reinforcement applications such as roadway, parking areas, laydown and commercial yards, rail and airports. Benefits for both subgrade improvement and base reinforcement applications.

UNIAXIAL GEOGRID

Uniaxial Geogrids are typically used in reinforced slopes or MSE Walls where their high tensile strength resists creep and elongation when exposed to high loads for long periods of time.



TRIAxIAL GEOGRID

Triaxial Geogrids with their triangular structure offer superior 360° reinforcement and improved aggregate interlock when compared to biaxial geogrids.

COMPOSITE GEOGRID

Composite geogrids combine biaxial geogrid with a non-woven filter fabric to offer a single product with the advantages of two thereby reducing installation time and shipping costs.





GRASS/GRAVEL REINFORCEMENT

The reinforcement of grass surfaces prone to wear, rutting and smearing.



GRASS & SCOUR REINFORCEMENT MESH

Grass will intertwine with the mesh filaments as it grows, creating a strong, discreetly reinforced surface capable of withstanding vehicle loads, limiting damage and reducing soil compaction.



GRASS & GRAVEL PAVING GRIDS

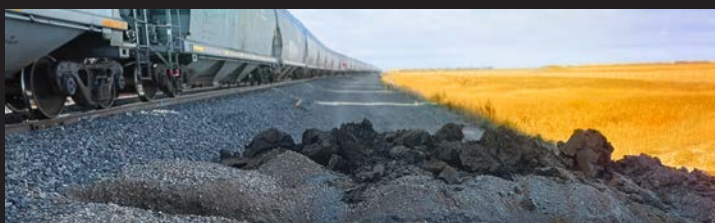
Porous pavers create a ground reinforcement paving grid system manufactured from recycled HDPE plastic. These porous grass pavers / paving grids inter-connect with each other to provide a very strong stable surface capable of withstanding heavy vehicle loads.

RAIL SOLUTIONS

Geosynthetics are used in many parts of rail construction and can greatly extend the life and reduce the costs of rail construction maintenance.



- Stabilization of soft subgrades reducing the need for imported fill and shortening construction timelines.
- Ballast reinforcement, reducing the amount of ballast required and reducing ballast breakage thereby extending its lifespan.
- Separation and filtration of subgrade soils improving the stability of the rail structure and extending maintenance intervals.
- Reinforcement and stabilization of rail embankments preventing erosion and slides that can lead to downtime.
- MSE wall structures are commonly used to stabilize grade separations where rail networks and road networks intersect.
- Geosynthetic drainage products move water away from the track structure and reduce the need for expensive aggregate drainage layers.





MSE WALLS

Mechanically Stabilized Earth Walls (MSE)

Mechanically Stabilized Earth walls are engineered wall systems comprised of alternating layers of backfill and geosynthetic reinforcement. These systems make for more efficient use of limited land resources by allowing steeper, stable slopes that are also aesthetically pleasing and technically sound.



CONSTRUCTION APPLICATIONS

MSE Walls are the ideal solution for highway and civil project grade separation applications, such as true and pile supported bridge abutments, approaching walls, wing walls, retaining walls, temporary walls, and reinforced slopes. This is due to their ease of installation, flexibility, and quick construction. These cost-effective structures are capable of withstanding larger differential settlement than concrete walls.



MINING APPLICATIONS

MSE Walls and reinforced slopes are a fast and economical solution for temporary or permanent mine site infrastructure such as ramps, access platforms and crusher walls. MSE Walls can be used to support tall vertical, or near vertical grade changes and can support the extreme high loads applied by mining equipment and vehicles.



HABITAT PROTECTION

Vertical faced walls and steepened slopes can help mitigate environmental impact by reducing encroachment onto sensitive aquatic habitats. A form of green infrastructure, these walls and slopes eliminate additional right-of-ways and reduce fill requirements which keeps a minimal footprint and typically costs less than conventional options.

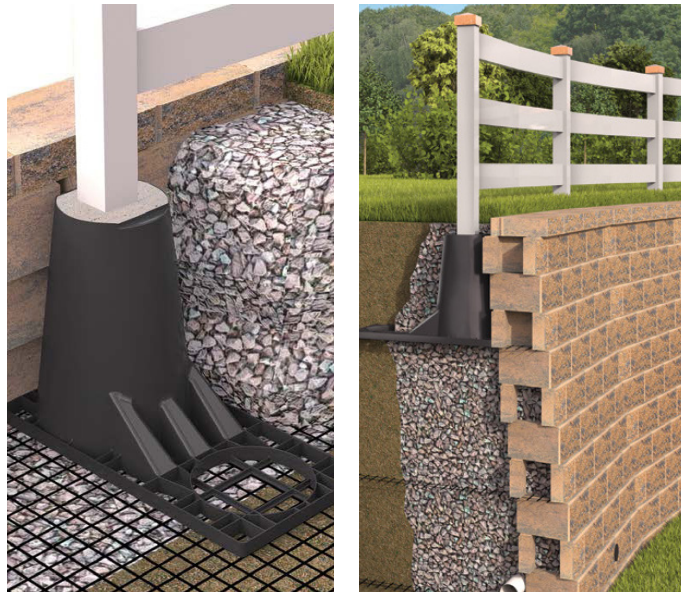
GEOBAG SYSTEMS

Vegetated Geobag MSE Wall Systems and reinforced vegetated slopes are used in building green infrastructure that follows the natural landscape such as retaining walls, roadway & trail systems, stream banks, flood protection and stormwater structures. Geobag walls are an economical engineered retaining wall solution and effective at preventing future erosion from wave and high flow scour.



SLEEVE-ITS

A pre-engineered fence post anchoring solution for enhancing below-grade foundational stability in fences placed on top of a segmental retaining wall (SRW).



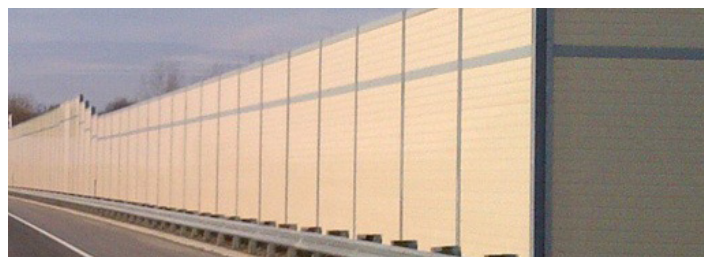
- Eliminates the offset of rails and fences within 36" of the edge of the open side of an SRW.
- Seamlessly integrates into the SRW construction process and eliminates auguring once the wall is complete.
- Designed to accommodate the most common SRW fence types.
- Lightweight, easily stackable/storeable and transportable,
- Made with 95% recycled polypropylene.

SOUNDWALL SYSTEMS

Sound barrier wall systems limit the transmission of sound between two adjoining environments or can reduce road noise. Systems can be absorptive using superior acoustic insulation to reduce unwanted noise or reflective blocking and returning unwanted noise. These systems meet various aesthetics expectations and are easily maintained.

PVC profiles installed between galvanized steel columns resting on several types of supports.

The design is such that the system meets all design loads ensuring a durability of more than 50 years. These products meet AASHTO requirements for Sound Barrier Wall Systems.



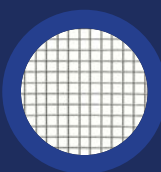
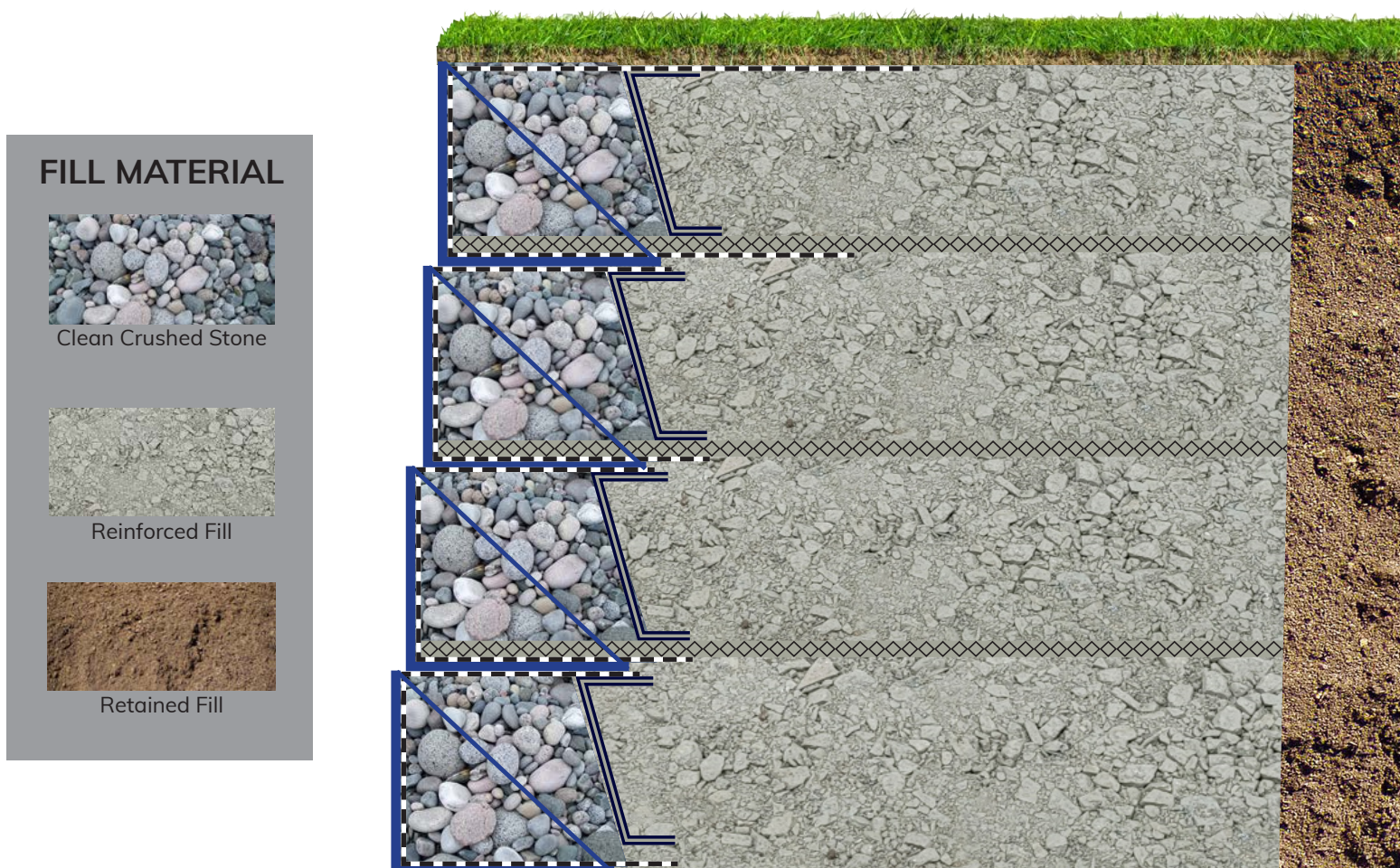
MSE ENGINEERED SYSTEMS

CROSSWALL RETAINING WALL SYSTEM

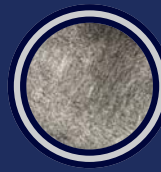
CrossWall is a rock faced wire form mechanically stabilized earth (MSE) wall system that is an economical alternative to cast-in-place, and other conventional retaining wall systems. CrossWall can be built near-vertical or with a setback to create desired aesthetics. CrossWall's flexibility allows it to provide greater settlement tolerances than a conventional concrete wall.

It is also easy to install and does not require specialized personnel.

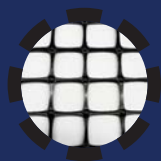
CrossWall facing is comprised of galvanized wire forms and struts and UV stabilized biaxial face wrap. The wall is reinforced using high-strength polymeric geogrids.



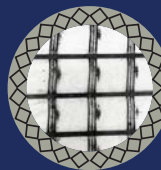
Hot-dip galvanized welded wire forms and struts to provide face stability and construction of facing elements.



Non-woven geotextile placed between drainage fill and reinforced fill for separation of dissimilar soils.



UV stabilized biaxial face wrap to provide longevity to structure.



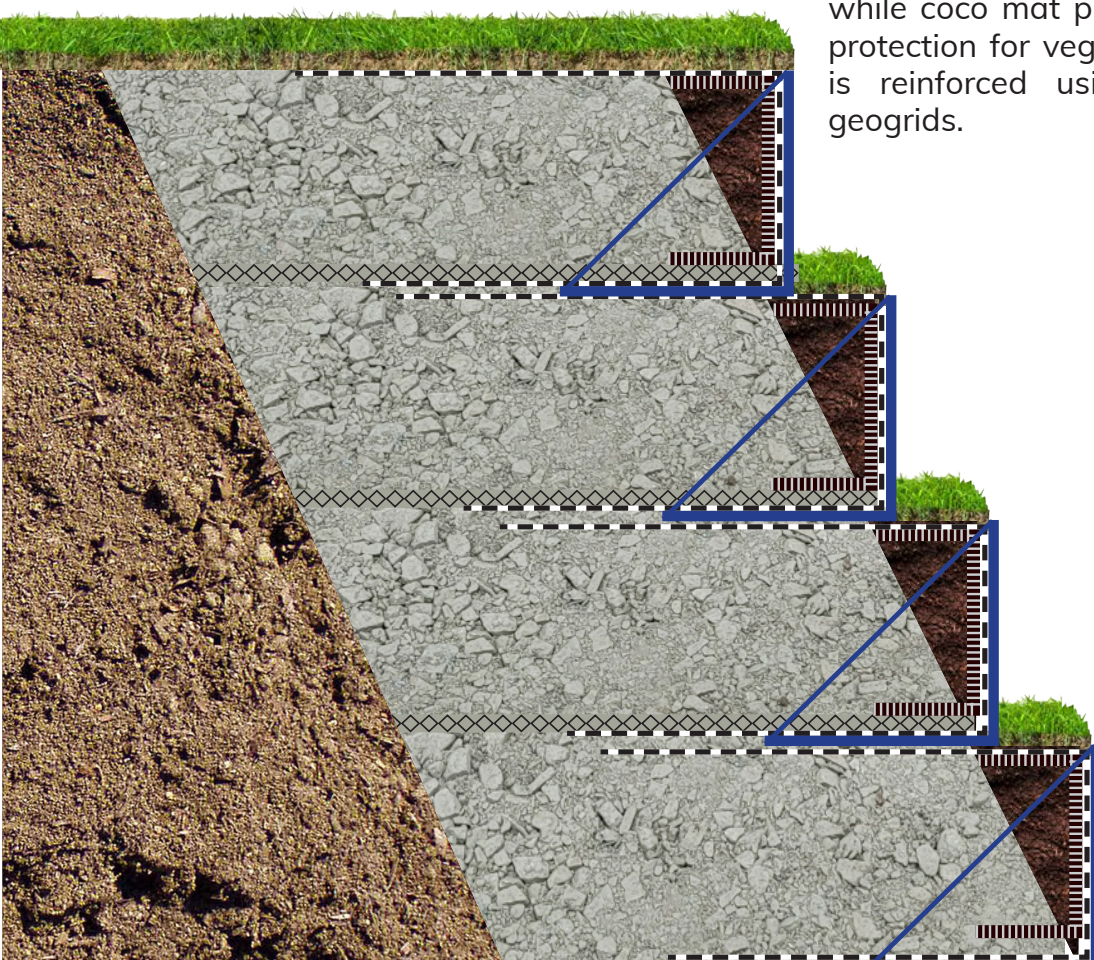
Uniaxial Geogrid provides lateral support of MSE structure.

CROSSSLOPE REINFORCED SLOPE SYSTEM

CrossSlope is a vegetated wire form reinforced soil slope (RSS) system. CrossSlope requires a batter no steeper than 3H:8V, for successful establishment of wall face vegetation. Angles shallower than 1H:1V do not require wire forms. Fabricated with alternating layers of less expensive backfill and geosynthetics, CrossSlope offers ease of construction, technical certainty and a natural appearance when vegetated.

With various angles available, CrossSlope allows designers to strike the right balance for their project between cost savings and usable land.

CrossSlope facing is comprised of black wire baskets and struts that act as building forms, UV stabilized biaxial face wrap, and coco mat. Face wrap is there to provide structural stability while coco mat provides 36 months of erosion protection for vegetation to establish. The wall is reinforced using high-strength polymeric geogrids.



FILL MATERIAL



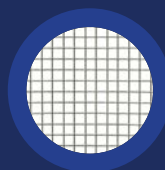
Vegetative Support Soil



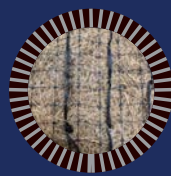
Reinforced Fill



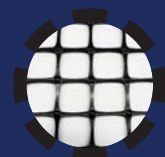
Retained Fill



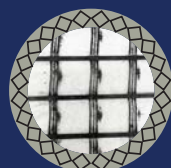
Hot-dip galvanized welded wire forms and struts to provide face stability and construction of facing elements.



Coco mat provides 36 months of erosion protection for vegetation to establish.



UV stabilized biaxial face wrap to provide longevity to structure.



Uniaxial Geogrid provides lateral support of MSE structure.



EROSION & SEDIMENT CONTROL

Protect jobsites and waterways.

SILTRON POLLUTION PREVENTION FENCE

Sediment control system designed to provide the highest level of environmental protection on a construction site – no excuses and no compromises.



Independent testing shows industry leading performance in hydraulic flow under sediment load, sediment retention, and blinding resistance.

Siltron functions as a dynamic filter-ponder which allows it to adjust to changing stormwater intensity across the entire face of the composite geotextile. Other fencing products either blind too fast (leading to physical failure) or allow too much sediment through.

Siltron uses a textured non-woven pre-filter designed to resist blinding and keep seeping long after the other products are blinded and physically failing. Even under extreme water and sediment load, Siltron keeps seeping. The natural fibre layer, absorbs hydro carbons and other viscous pollutants.



SEDIMENT CONTROL BMPs



WATTLES

Wattles are a cost effective erosion control solution designed to curb the effects of medium to high velocity storm and water runoff. Used in channels and for perimeter sediment control. Wattles

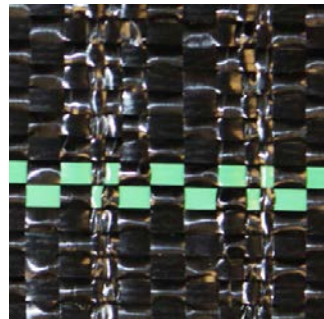


are composed of straw or wood fibers encased in a photo degradable or bio-degradable netting.



SILT FENCE

Control silt contamination in waterways by filtering silt and debris from runoff before it leaves the construction site. Resistant to ultraviolet deterioration, rotting and biological degradation, and inert to commonly encountered soil chemicals.



CATCH BASIN PROTECTION

Cross Country Canada supplies a wide variety of catch basin and curb inlet protection products. From socks and donuts to curb inlet filters, the majority of our products



can be customized to your application.



TURBIDITY CURTAINS

A flexible, impermeable barrier that is generally weighted at the bottom. Used to contain sediment and silt that is stirred up by construction activities taking place in or near bodies of water, dredging operations and rainwater runoff.





ROLLED EROSION CONTROL PRODUCTS



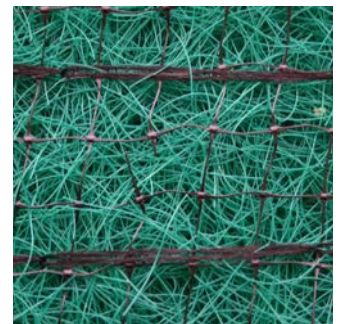
100% Straw



100% Coconut



Straw Coconut Mix TRM



100% Polypropylene TRM

ROLLED ECB BLANKETS - TEMPORARY

Rolled Erosion Blankets vary in composition from straw, straw/coconut mix or coconut and are specified by the intended longevity and performance.

Made with either photo or biodegradable netting and designed for use on slopes and channels requiring temporary to intermediate erosion control from 12 to 24 months depending on moisture, light, and environmental conditions.

TURF REINFORCEMENT MATS - PERMANENT

Turf reinforcement mats are made of either a mix of polypropylene fiber and straw or coconut or 100% polypropylene fiber. They are considered permanent and provide functional longevity of greater than three years. TRM's are used for critical slope and channel applications requiring permanent reinforcement that enables vegetation to grow in areas that would exceed the limits of natural, unreinforced vegetation.



HIGH PERFORMANCE TURF REINFORCEMENT MATS (HP-TRM) AND ANCHORED SYSTEMS

High Performance Turf Reinforcement Mats are made of 3 dimensional woven structures and provide the longest lasting superior erosion control. Used for the permanent erosion protection of slopes, banks and channels for 25 years. High performance TRM systems can be customized with Engineered Earth Anchors to provide outstanding performance for up to 75 years in high loading/high survivability applications and can be a cost-effective means to replace rock rip-rap in many applications.

FASTENERS

Cross Country Canada can supply all the tools and fasteners needed for quick, effective installation tailored for your project.

- Wire Staples
- J Hooks
- Steel Pins
- Washers
- Wood Stakes
- Biodegradable
- Stakes
- Percussion Anchors
- Installation Tools



SPRAY APPLIED PRODUCTS



EDGE - EARTH GUARD PELLETS

Edge can be applied in its dry, pellet form as well as hydraulically with conventional hydroseeding equipment. When dry applied, as the site receives its first

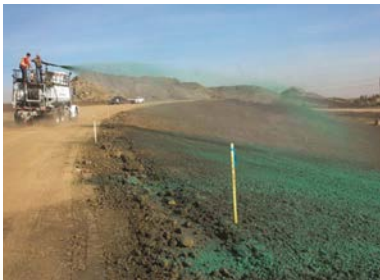
rainfall, the pellets expand, spreading both the fiber and the EarthGuard soil stabilizer. Edge contains a proprietary compound of soil/fiber stabilizing technology and a mixture of cellulose and corn fiber.



CONNECT POSI-SHELL TECHNOLOGY

Connect, instantaneously consumes water which allows for its immediate wet-out and creation of a uniform slurry with minimal water and mixing time. Simple to pour and

requires no manual or mechanical shredding. Will not clump.



MESIC HYDRAULIC WOOD MULCH

Mesic Wood Mulch is made from 100% virgin wood fibers for use in hydraulic seeding or temporary erosion control. Mesic forms a protective mulch mat to

aid in erosion control, hold seeds in place, and excellent for seed germination.



EARTHGUARD SOIL STABILIZER

Hydraulically applied, patented technology offers highly rated erosion control along with excellent turbidity reduction and promotes quick growth

establishment. Available as a fiber matrix or liquid concentrate.



CUBE POSI-SHELL TECHNOLOGY

The natural mineral-based science behind Cube provides a user-friendly product that is unmatched in the marketplace. It arrives in a much smaller bale and is easier to handle than other conventional products. Simple to pour and requires no manual or mechanical shredding. Will not clump.



POSI-SHELL ENVIRONMENTAL COATINGS

A patented blend of clay binders, reinforcing fibers, and polymers that, when mixed with water or leachate, produces a spray-applied mortar that

dries in the form of a thin durable stucco. Adheres to any surface and is effective in wet and dry forms, regardless of the weather.





FILTER UNIT ROCK BAGS

Filter Unit Rock Bags are a revolutionary solution for a wide range of applications in the construction and environmental sectors, providing an innovative and unparalleled approach to addressing various project needs. Crafted with the utmost durability and efficiency in mind, this ingenious net combines the exceptional strength

of polyester with the innate power of rocks, resulting in a truly unique and reliable product. Designed to withstand the harshest conditions, Filter Unit Rock Bags offer unparalleled protection and versatility for a multitude of projects. Its supple and flexible fiber allows it to adapt seamlessly to all types of soils and reliefs, ensuring a perfect fit for every environment.



APPLICATIONS

- Embankments
- Earthworks
- Harbour Defenses
- Emergency Interventions
- Temporary Installations
- Bridge Pile Protection
- Ballast for Sub-Sea Pipes
- River Bed/ Bank Construction
- Shore Preservation
- Anti-Scouring Protection
- Artificial Reefs
- Ecosystem Creation

ECOGREEN	Mesh Size	Unit Weight FU empty	Dimensions in meters, FU installed			Resistance to currents without being moved		Recommended granulometry of the stuffing material
			Height	Diameter	Volume	Unit	Grouped	
2tons	25mm	6kg	0.4m	1.9m	1.25m ³	3.1m/s	4.7m/s	50mm
4tons	25mm	13kg	0.6m	2.4m	2.5m ³	3.5m/s	5.3m/s	50mm



ECOGREEN TYPE

The Ecogreen Filter unit, is a moss-green double net, that seamlessly integrates into various natural settings and alongside watercourses. This remarkable adaptability, complemented by its user-friendly design, allows the Filter Unit Rock Bag to

foster ecosystems and expedite vegetation regrowth, thanks to the interstices created by its filler material. The Filter Unit Rock Bag is an ideal choice for project applications that prioritize both an ecological balance and construction needs.

HARD ARMOUR SOLUTIONS

FABRIC FORMED CONCRETE LININGS

Permanent erosion control solution for bridges, rivers, canals, and more. Used to cast concrete systems that permanently control, remediate, prevent, and protect against erosion and scour.



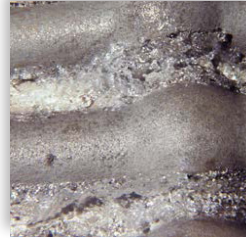
HYDROTEX

An innovative fabric formed concrete system that can be used in a variety of flood control and erosion control applications. Offers a highly competitive alternative to traditional pre-cast concrete solutions.



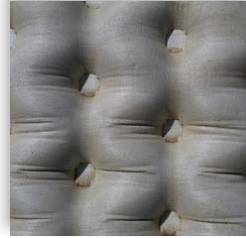
ARTICULATING BLOCK

Articulating Block Mats are cable-reinforced concrete mattresses that safeguard coastlines, canals, rivers, and marine structures from various erosive forces like waves, currents, and ship-related impacts.



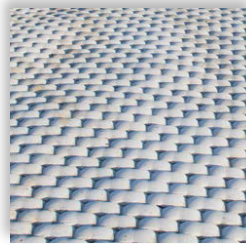
FILTER BAND

A dual-layer concrete mattress with woven fabric and spaced filter bands offers superior uplift pressure reduction compared to Filter Point Linings. The tubular elements' biaxial alignment also creates directional coefficients of hydraulic friction.



FILTER POINT

Offer erosion-resistant, permeable coverage for water bodies like ditches, channels, rivers, and more. They include drain points and a cobbled surface, with a high coefficient of hydraulic friction to lower flow speeds and minimize wave run-up.



UNIFORM SECTION

Resemble standard concrete slope paving. They form a durable, low-resistance concrete lining with consistent cross-section, effectively limiting the movement of aggressive fluids in and out of open channels and basins.

TILTEX CONCRETE MAT SYSTEM

The Tiltex System is a composite made of a concrete-sand mixture, which is secured between two layers of geo-textile and reinforced with an extra layer of geomembrane. When hydrated, Tiltex hardens within a few hours while retaining a slight degree of flexibility, setting it apart as a unique product.

APPLICATIONS

- Enhance Existing Concrete Structures
- Embankment Lining
- Slope Stabilization
- Ground Stabilization
- Pit Lining
- Trench Lining
- Slope Lining
- Reservoir Lining
- Bank Lining
- Underground Wire Protection



This cost-effective, multi-functional erosion control solution features fast and easy installation, which does not require any complex logistic operations or the use of heavy machinery.

ARTICULATING CONCRETE BLOCK (ACB)

Articulating Concrete Block (ACB) systems are connected by cables which allow each individual block to be flexible and form to the terrain of the ground. This interconnected block system is available in four different thicknesses to provide the required stability for each project economically.

EROSION & SEDIMENT CONTROL

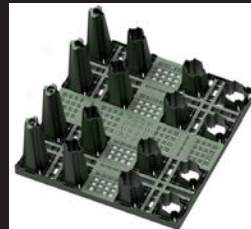
WATER MANAGEMENT

Flood mitigation, foundation waterproofing, groundwater conveyance and more.

EZ STORM STORMWATER MANAGEMENT SYSTEM

Thanks to its superior mechanical strength, EZ Storm Detention Systems can be installed under heavy or light roadways, offering multiple applications such as roads, parking lots, bike paths, pedestrian walkways, gardens, parks and more.

- 96% of the void, which minimizes the footprint and excavation volumes.
- With custom-made installations with variable geometry, all configurations are possible.
- The polypropylene structure can support a CL-625, H-25, or HS-20 load (up to 20 tons per axle under conditions).
- 100% inspectable in all directions.
- Can be installed to a depth of 6 m with a maximum backfill of 4m under conditions.
- Quick and easy assembly and installation require less labor.
- Can be connected to pipes of various diameters.
- Half-blocks offer a solution for low coverage and allow the height of a structure to be modulated in combination with full blocks.



OIL & GRIT SEPARATOR

Utilizes gravitational and centrifugal forces to capture and retain suspended sediments, floating particles and oils from Stormwater runoff.



FLOW CONTROL

A superior vortex regulator that provides precise and reliable flow control without external power or moving part requirements.

CULTEC STORMWATER MANAGEMENT SYSTEMS

The CULTEC Contactor and Recharger chambers replace conventional stormwater management systems such as ponds, swales, pipe and stone trenches or beds, or concrete structures. The chambers may be used for drywells. They may be installed in trench or bed configurations according to site restrictions or client preference. Contact area is maximized by the chamber's fully open bottom. The chambers are typically installed subsurface beneath parking areas to capitalize on use of space, however, they may also be placed in grassy areas.



Sizes range from 8.5" to 48" tall. Chamber storage capacities range from 0.819 ft³/ft to 17.66 ft³/ft.



CONTRACTOR CHAMBER SERIES

The Contactor Chamber series consists of lower profile, lower capacity chambers and are typically used for installations with high water tables or other depth restraints or when a larger infiltrative surface area is required by design.



RECHARGER CHAMBER SERIES

The Recharger series consists of higher profile, larger capacity chambers. Using the largest chamber that meets the site's depth constraint reduces the number of chambers required resulting in less labor and a smaller installation area.

- Maximum use of land area
- Ability to recharge water on-site
- Lightweight
- Less heavy equipment required
- Overlapping rib connection is fast and easy to install
- Chemically resistant
- Ability to stack units for trouble-free stockpiling on jobsite and shipping
- Sub-surface installation cuts down on insurance liabilities and potential breeding grounds for infectious mosquitoes

WATER DIVERSION & STORAGE



COFFER DAMS

Cylindrical tubes typically made of industrial grade PVC, that when filled with water work as a barrier that can resist both external and internal pressures.

Typically used in projects that involve outfalls, water intakes around rivers or for shoreline isolation during erosion repairs. They can also be utilized for flood control and are a common sight during spring runoff.

Coffer dams are a popular choice in these types of applications as they are much less cumbersome and labour intensive than the use of sand or aggregate filled bulk bags, earthen berms, or rigid dam systems.

Double Dam sizes up to 4' (1.2m) high.

Triple Dam sizes from 5' (1.5m) up to 8' (2.4m) high.

Engineered Coffer Dam systems can be constructed at a working water depth of up to 12ft.



ONION/PUMPKIN TANKS

- Onion/pumpkin tanks are open topped, self-supporting water storage bladders, ideal for fire suppression or water transfer
- Standard sizes are 10'x3' (1500 imp gallons) and 13'x3' (2500 imp gallons)
- Made of durable polyester reinforced PVC fabric.

PILLOW TANKS

- Pillow tanks can be quickly deployed and filled with water from any available source
- Can be filled and drained repeatedly, or function as storage for extended periods of time
- High strength material
- A variety of sizes are available with capacities up to 300m³

METER BAGS

Industrial containers made of woven, flexible fabrics designed to store and transport dry, flowable products. Strong, durable, cost-effective and environmentally-friendly, these bags reduce labor and handling, optimize space for warehousing/transport, may be reusable and are recyclable.



LINERS



GEOSYNTHETIC CLAY LINER

GCL is produced by distributing a uniform layer of sodium bentonite between two geotextiles, resulting in a strong mechanical bond between the fabrics. A heat-treating

process is then used to modify and permanently lock the needle-punched fibers into place.



WATER CONVEYANCE BGM

Bituminous Geomembrane (BGM) liners are an extremely versatile, flame resistant containment solution. The U.S. Nuclear Safety Agency qualifies them for a 1,000 year life span, based on UV resistance and physical durability. Highly resistant to punctures and tearing.

DRAINAGE



FOUNDATIONAL/WALL DRAINS

Composite foundation drains are manufactured from heavy duty polypropylene sheet and are bonded to a nonwoven geotextile. These drains replace traditional granular drains for concrete wall foundations, concrete bridge abutments and can be used in both vertical and horizontal applications.



STRIP DRAINS

Heavy duty, 3 dimensional, high flow, dimpled drainage core wrapped and bonded with a non-woven filter fabric. Fabric retains soil or sand particles as well as freshly placed concrete or grout, allowing filtered water to pass into the drainage core. Soil backfill is retained while allowing water to pass into the drainage system providing hydrostatic relief.



GEONET/GEOCOMPOSITE

Biplanar geonets are a 3-dimensional net manufactured from high density polyethylene for better flow under high loading. Biplanar geonet can be used in place of soil drains in civil and environmental applications such as under-slab drainage, leak detection, gas venting, leachate collection and as additional protection for waterproofing membranes.



WICK DRAINS

Commonly used behind curb and gutter to remove excess water that has penetrated through cracks. Also used in-situ between subsurface and granular lifts to promote crown or cross-cut drainage, often tied into the catch basin rings.



WEeping TILE

Supplied solid, perforated, and perforated w/ geotextile sock to filter out fines. Primarily used on home foundations, leachate collection systems, retaining walls, road side drainage and lease perimeter drains.

DEWATERING

DEWATERING BAGS

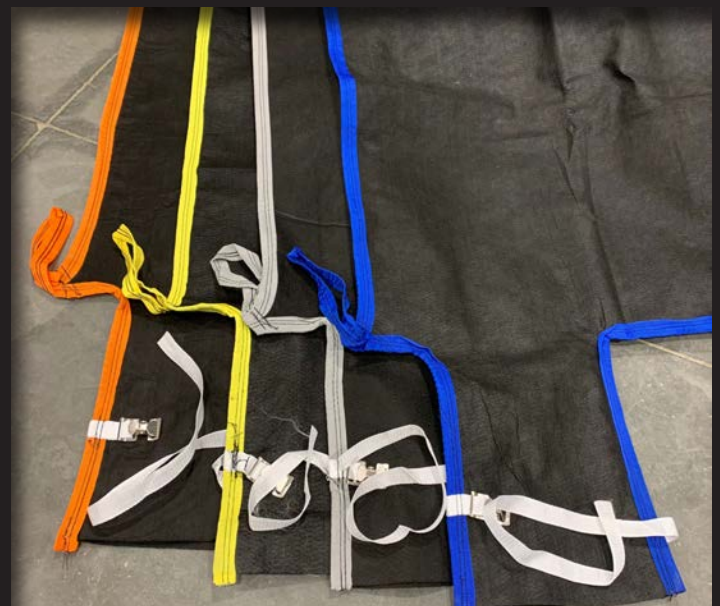
Assists contractors and site engineers with dewatering of construction sites, lakes, and other water pumping applications. Dewatering bags help protect the environment and comply with storm water regulations by reducing pollutants and maintaining ground water quality.

Manufactured with non-woven polypropylene geotextile. Includes a fabric flange to allow discharge hose up to 6" to be attached.

Bags are colour coded for size. They have lifting eyelets for easy positioning and lifting and a buckle to tighten around the hose flange up to 6".

CCIS-DW 3x5 Blue
CCIS-DW 5x7 Orange

CCIS-DW 10x10 Yellow
CCIS-DW 5x15 Silver





PIPE PROTECTION

Industry leading rockshield and pipe covers for the ultimate in protection.

GRID GUARD

Grid-Guard HD Plus pipeline protection grid is an extruded polyethylene 9.5mm (3/8") three-dimensional mesh/grid with the addition of geotextile fabric backing. Installed on both steel and plastic pipelines.



- Offers additional protection after burial: fabric acts as a slip sheet around the pipe, helping to minimize soil stress on tapes and coatings
- Offers greater impact protection during backfill operations
- Does not interfere with cathodic protection
- Consistent thickness throughout
- Available in custom pads and rolls
- Lightweight and flexible
- Does not bunch up in the cradles



CONCRETE PIPELINE COVER

Efficient and quick-to-install, concrete mattress systems protect pipe against buoyancy, uplift and external impacts and will drastically improve production, safety and total cost versus traditional coating methods.



CROSSTRAINING TECHNICAL TRANSFER SESSIONS

Cross Country Canada's CrossTraining will give you a professional work-out, without even breaking a sweat!

Join our sales professionals in a technical transfer session to learn how Cross Country Canada can assist and improve upon your existing and future construction projects.

ENGINEERS

From proposal to completion, learn how Cross Country Canada offers support and strategies for all stages of your project.

- Design Support
- Construction Expedients
- Geosynthetic Solutions
- Value Engineering

Our CrossTraining Sessions are tailored to the benefit of a variety of engineering professionals such as:

- Consulting Engineers
- Geotechnical Engineers
- Landscape Architects
- Hydro-Technical Engineers
- Civil Engineers
- Storm Water Engineers
- Water Resource Engineers
- Transportation Engineers
- Municipal Engineers

CONTRACTORS

Discover how Cross Country Canada's vast array of equipment and supplies eliminate the need for multiple vendors. Learn how this streamlined support can create a more efficient and cost effective solution for areas of construction such as:

- General Contractors
- Underground
- Civil
- Earthworks
- Water/Sewer
- Piping
- Industrial
- Commercial

FURTHER INFO

LOCATIONS

Our multiple, strategic locations across western Canada ensures timely support and minimizes transportation costs.



SPRUCE GROVE (HEAD OFFICE)

780-962-6559

Physical 361 Saskatchewan Ave, Spruce Grove AB
Mailing Box 3366 Spruce Grove, AB T7X 3A7

GRANDE PRAIRIE

587-771-0990

7001 99 Street, Clairmont, AB T8X 5B1

FORT ST. JOHN

778-844-0299

9514 79 Street, Fort St. John, BC V1J 4J9

PRINCE GEORGE

587-357-4328

9400 Cariboo Hwy 97 S, Prince George, BC V2N 6E1

TERRACE

778-702-1756

3686 HWY 16 E, Thornhill, BC V8G 5J3

ABBOTSFORD

236-597-8351

31290 Wheel Ave, Abbotsford, BC V2T 6H1

CRANBROOK

780-231-6498

1124 Industrial Road 3, Cranbrook, BC V1C 5E3

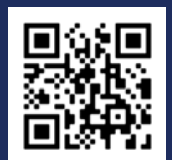
REGINA

306-522-4100

28 Cassie Bay, Sherwood Ind. Park, Regina , SK S0G 5K0

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