

## FEATURED PROJECT

### SACRED HEART CATHOLIC SCHOOL ADDITION

**LOCATION:** Thunder Bay, ON

**PRODUCTS USED:** Dow Styrofoam SM 4";  
Bakor WP200 Waterproofing; Bakor Blueskin SA  
LT Air Barrier; Firestone EPDM and ISO; Hilti  
DX Pins; Firestopping, Concrete Accessories and  
Insulating Materials

**GENERAL CONTRACTOR:** Man Shield  
(NOW) Construction, Thunder Bay, ON

**PROJECT SUPT.:** Claude Tesolin

**ROOFING CONTRACTOR:** Holmes Roofing –  
Ray Pilon, Thunder Bay, ON

**ARCHITECT:** Habib Architects Inc.,  
Thunder Bay, ON

**BROCK WHITE SALES REP.:** Wayne Davis &  
Bernie Pechiwa, BW-Thunder Bay

**TIME OF PROJECT:** Winter 2006/07

This project consisted of a 50,000 sq. ft. addition,  
(three floors, 16k/floor) to the existing school.  
Brock White supplied numerous products for  
this project, but shown here is the building  
envelope system – foundation walls, cavity walls  
and roof.



### Ed Shaback Named New Branch Manager Of AGES/Brock White Branch

We are pleased to announce that Ed Shaback has been named the Branch Manager of our AGES/Brock White Branch located in Calgary.

Ed has been involved in the construction industry for more than 30 years in mining, processing and manufacturing (aggregate ready-mix, masonry and precast products), sales, marketing and distribution. Most recently Ed was the Sales and Operations Supervisor with BURNCO Precast & Packaging Division. Prior, he worked with the Allan Block Corporation in Edina, Minnesota and managed the CCI Industries Masonry manufacturing business in Langley, B.C.

Ed is looking forward to working with the AGES/Brock White team in Calgary. Ed and his wife Sharon live in Calgary and have two sons, both married, and four grandchildren.

Please contact him at the office, 403-204-3322, or via email at [eshaback@brockwhite.com](mailto:eshaback@brockwhite.com)

## From the President



Overall economic activity across North America has continued reasonably strong with GNP, jobs, and personal income growth, but not all segments of the economy have fared equally as evidenced by the US residential market slowdown. Upper Midwest US residential activity is now off some 50% from peaks reached three years ago and is not forecast to improve much in 2008. US commercial construction activity across our region has improved this year, but many contractors are not as busy as they would like to be. Canada construction activity, on the other hand, remains very strong across our central and western provinces. We have seen construction cycle ups and downs before (although maybe not both at the same time as is the case today), which just means that we need to stick to the basics of providing our customers FIRST CHOICE service in the supply of quality construction specialty products no matter what. Our total sales so far this year are up nicely on strong growth across Canada, which have offset slower US sales on poor residential markets. US sales have been helped, however, by our acquisition of Northland Brick in Brainerd, Minnesota, which now gives us 19 locations providing FIRST CHOICE service throughout the US and Canada.

One way that we work to remain your FIRST CHOICE is to conduct customer service feedback sessions through our Customer Advisory Council. I would like to thank the customers who participated in our 13th annual meeting this fall. Overall, we received good marks, but we identified areas that we can improve upon and we will take this advice to heart as we develop our strategies and plans for 2008. Speaking of 2008, it's time to sign up for the World of Concrete trade show scheduled for January 22-25 at the Las Vegas Convention Center. Registration brochures are available online at [worldofconcrete.com](http://worldofconcrete.com). Be sure and use the Associated Construction Distributors International sponsor source code, "A24", for free show registration. As always, thanks for your business and tell us how we're doing—call or write me anytime or e-mail me at [rgarland@brockwhite.com](mailto:rgarland@brockwhite.com).

Sincerely,

Richard D. Garland  
President

## FEATURED PROJECT

### RESIDENCE IN REGINA, SASKATCHEWAN

**PRODUCTS USED:** Nudura 6" & 8" ICF's; Bakor WP200 Waterproofing Membrane

**GENERAL CONTRACTOR:** Ross Construction, Inc., Regina, SK

**PROJECT SUPT.:** Don Ross

**ENGINEER:** BrownLee Beaton Kreke Consulting Engineers, Regina, SK

**BROCK WHITE SALES REP.:** Dave McLeod, BW-Regina

**TIME OF PROJECT:** Summer 2007

2200 square feet per floor with a complete basement and 9 foot ceilings on all levels, enclosed walkway to a four car garage with a 700 sq. ft. nanny suite above garage, all exterior walls are Nudura ICF's.

Due to the features and benefits that Nudura ICF's offers and the ease on construction, it was an easy choice for the owner and contractor to use the Nudura system. The technical services offered by Dave McLeod enabled the owner and contractor to make informed decisions and ease their concerns regarding ICF construction methods. The energy savings of building with ICF's in a climate like Saskatchewan helped reinforce the decision.



## FEATURED PROJECT

### WINNIPEG FLOODWAY OUTLET STRUCTURE – TEMPORARY CONCRETE PLANT

**LOCATION:** Lockport, Manitoba

**PRODUCTS USED:** Nudura Insulated Concrete Formwork & Accessories; Plumwall Original & Reechcraft Tall Wall Alignment System; Propex Concrete Systems Novomesh 700 Reinforcing Fibers

**CONTRACTOR:** Selkirk Redi Mix

**BROCK WHITE SALES REP.:** Jodi Eyolfson & Bernie Giesbrecht, BW-Winnipeg

**MANUFACTURER SALES REP.:** Kevin Bornia, Nudura Corp.; Hal Payne, Propex Concrete Systems



Upon being awarded a contract to supply approximately 27,000 cubic meters of concrete to PCL Contractors for massive outlet control structure on the ongoing floodway expansion project, Selkirk Redi Mix faced many challenges. Kerry Pollock, owner and operator of the company knew that this time sensitive project and a Manitoba winter would pose many obstacles. With this in mind he set forth to maximize his operations efficiency by eliminating the 18 km round trip from his main plant to the site by setting up a temporary batch plant on site. Since the project will be undertaken during a Manitoba winter with common temperatures as low as minus forty degrees Celsius, a substantial building would be required. The building would need to house the concrete plant's inner workings that include a steam plant to pre heat materials, a water system, and a liquid admixture dispensing system. The building will also contain a QC lab and dispatch office.

After looking at the various options for a building system Kerry realized that he could erect the wall system with Nudura ICF's much faster than other comparatively priced options. Additionally this method would guarantee him excellent thermal performance that will likely not require any additional heat source other than generated by the equipment housed within. Concrete is not the usual material for the construction of a temporary structure, but it proved to be an effective solution for this particular project. Brock White supplied the 6" core Nudura forming system with a compact and efficient Plumwall, and the very tall Reechcraft alignment systems for the 12' and 24' tall wall sections.

Also, in what is believed to be first in Canadian construction for this type of structure, is the incorporation of Novomesh 700 fibers by Propex Concrete Systems. The Novomesh fibers are a blend of polypropylene and steel and have been determined to reduce the amount of reinforcing bar required in a concrete wall. Reinforcing bar locations were limited to window and door lintels and jambs, floor/wall connection, and pour lift joints.

It is with leading edge ideas, and the latest innovations from the best manufacturers, that Brock White strives to be your **FIRST CHOICE** for solutions in an ever changing industry.

## FEATURED BRICK & STONE PROJECT

### RESIDENCE: FIREPLACE SURROUND & FEATURE WALL

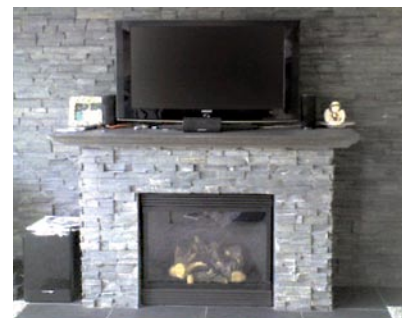
**LOCATION:** Calgary, AB

**PRODUCTS USED:** Black Slate Ledgestone – Gillis Quarries

**CONTRACTOR:** Aurora Masonry, Calgary, AB

**BROCK WHITE SALES REP.:** Deanna Martindale, BW-Calgary

Homeowner was seeking a contemporary look to match the design scheme of their home which features black countertops/backsplash, shag gray carpets, neutral



colours and a concrete black fireplace mantel. The black slate ledgestone provided a contrast and added presence to the room.

Shane Homes (builder) and many others were very impressed by this unique and aesthetically pleasing feature wall.



## FEATURED PROJECT

### “CHURCH” MOVIE SET

**LOCATION:** Sarcee Reserve City,  
Calgary, AB

**PRODUCTS USED:** Type 1 & Type 2  
Insulation, Senergy Stucco, various concrete  
repair and patching mortar products

**CONTRACTOR:** Passchendaele Films,  
Calgary, AB

**BROCK WHITE SALES REP:**  
Andy Hodges, BW-Calgary

The film industry in Alberta is growing fast; a World War I film was shot in Calgary over the summer, and this church set was the scene of about 75 percent of the movie. This project shows a different application use of the stucco, insulation, concrete repair and patching mortar products sold by Brock White.



## NEW PRODUCT

### MAPEI ULTRAPLAN EASY

#### DESCRIPTION

Ultraplan Easy is an HCT™ (High-Hydrated Cement Technology)-based, quick-setting, self-leveling underlayment that typically requires only a clean, soundly bonded substrate before application. Typically requiring reduced surface preparation, Ultraplan Easy provides lower installation costs and fast turnaround on job sites. It features high strength and is able to withstand light foot traffic after 2 to 3 hours of installation.

Developed with MAPEI's “green innovation,” Ultraplan Easy is LEED-compliant and helps to contribute valuable points toward LEED-certified projects.

#### USES

Ultraplan Easy is suited for quick-turnaround leveling, smoothing and repairing of interior floors before the installation of floor coverings. Ceramic tile and natural stone can be installed 3 to 4 hours after application. Floor coverings – such as carpet, vinyl sheet goods, vinyl tile, vinyl composition tile (VCT), homogenous PVC, rubber and engineered wood plank – can typically be installed 16 to 24 hours after application. Ultraplan Easy is not recommended for application under surfaces subject to dynamic loading.

## SCOURSTOP

The green solution to rip rap

the green solution to rip rap  
**scourstop™**

*Prevent Scour and Erosion  
without unsightly use of rocks / rip rap!*

### What is Scourstop?

The mat is a proven solution to scouring directly below and down stream a pipe or culvert outlet.

It is made of a semi-rigid 4'x4'x1/2" HDPE plastic mat, combining vegetation with modern material technology to protect the soil.

This modern solution is 2 to 3 times more effective than rip rap.

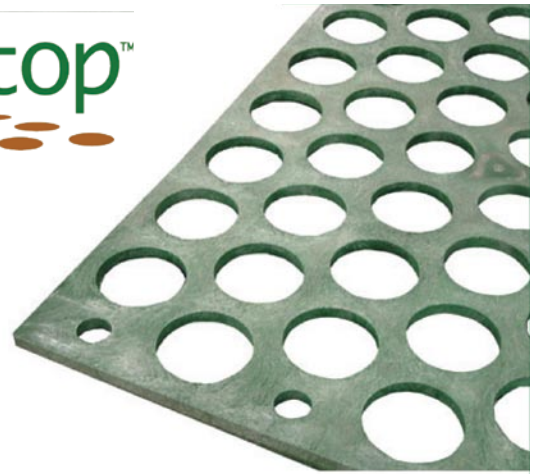
### What are the advantages of using Scourstop?

- Enables vegetation
- Protects soil and filters runoff
- Installation requires only some small tools and no heavy lifting
- Unlike Rip Rap, Scourstop does not collect debris or cause extra maintenance costs associated with trimming and cleanup
- After a variety of testing, Scourstop could handle more than twice the allowable flow of water than rip rap. Scourstop was able to protect plain, un-rooted, fresh cut sod with no measurable erosion.

### Installation and Longevity

There are several installation options that enable a broad range of transition mat applications on construction sites and permanent vegetation projects.

Scourstop is formulated with a dark green 10 year UV protection. However, once vegetated, the mat is mostly shielded from the sun and is undetectible-making it almost permanent.



## Invisible Structures, Inc. Green Building

### The Environmental Benefits of our products -

Invisible Structures, Inc has been committed to "green" building for more than twenty years, with a suite of products which not only protect the environment, but actually enhance it. Our products process storm water naturally, prevent erosion and soil migration, clean water of contaminants, provide for reuse of rainwater or recharging rainwater to natural aquifers. Cool Communities programs can be realized by cool grass and gravel parking lots, more trees in parking lots, and through the development of green roofs/roof gardens. Lower ambient air temperatures are realized and toxic hydrocarbon drip and other pollutants are removed. Greater vegetation allows for more absorption of carbon dioxide and production of oxygen, while reducing reflection and absorption of solar heat energy.

### Designing "Green"

The first-costs and life-cycle costs of ISI's product line, can be a fraction of conventional site design costs. Our products provide multiple-use surfaces, which save money for site development plus add human and societal benefits. Independent analysis has shown use of ISI's product line can save thousand of dollars per year in installation and maintenance, and actually increase revenue through year round use or "additional-use" revenue streams. Designing "Green" with ISI also means improved health and safety conditions for building employees and the general public. American's with Disabilities Act (ADA) compliant surfaces can be realized on almost every inch of developed land while enhancing the environment. The elderly, disabled; everyone can have access to natural or scenic areas without damage to precious resources or wildlife.

[For more information go to www.invisiblestructures.com](http://www.invisiblestructures.com)

### PRODUCTS



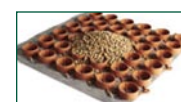
**Beachrings2**  
Portable  
Boardwalk System



**Draincore2**  
Subsurface &  
Greenroof Drainage



**Grasspave2**  
Grass Porous  
Pavement



**Gravelpave2**  
Gravel Porous  
Pavement



**Rainstore3**  
Subsurface  
Stormwater Storage

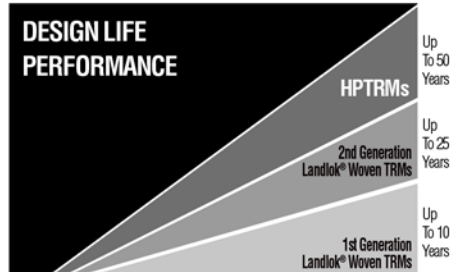


**Slopetime2**  
Dual Containment  
Erosion Control

# Propex Landlok TRMs & Pyramat HPTRMs

Landlok® TRMs are perfect geosynthetics for moderate-flow storm water channels, banks and steep slopes where both immediate and long-term erosion control is needed. Using our patented X3® fiber technology, a Landlok turf reinforcement mat traps more seed, soil and water in place than traditional hard armor products, yielding faster and fuller vegetation. X3 also provides reinforced vegetation with twice the erosion protection of other TRMs and erosion control blankets. Landlok TRMs are available in 1st or 2nd generation material construction. Our 1st generation TRMs are constructed of a dense web of polypropylene fibers positioned between two biaxially oriented nets. 2nd generation TRMs feature a 3-dimensional woven material construction which allows increased design life over 1st generation netted, fused, glued or stitch-bonded TRMs. All of our TRMs are made of 100% synthetic, ultraviolet (UV)-stabilized components and are completely non-degradable.

Pyramat® high performance turf reinforcement mats (HPTRMs) are equipped to handle the most demanding erosion control applications. Patented Pyramat three-dimensional construction makes HPTRMs ten times stronger than traditional TRMs. The 3D matrix of polypropylene yarns features X3® fiber technology which locks in seed and soil for permanent reinforced vegetation. Pyramat's outstanding UV resistance makes it the preferred TRM in arid and semi-arid environments or other applications where soil reinforcement is needed but full vegetation is not expected.



**Landlok TRMs** - Outperforms and is more cost-effective than conventional erosions control methods, including:

- Rock rip rap
- Concrete paving
- Erosion Control Blankets

**Pyramat HPTRMs** - Outperforms and is more cost-effective than conventional erosion control methods, including:

- Large rock rip rap
- Grouted rip rap
- Gabions
- Concrete paving
- Hard Roadside shoulders
- Articulated concrete blocks
- Fabric formed revetments

## EC-DESIGN® SOFTWARE

Whether you need a silt fence fabric for site protection or your putting together a stormwater management plan, EC-Design erosion control software puts a wealth of resources at your fingertips. This state-of-the-art multimedia geosynthetic software includes product and application information, technical bulletins, case studies, design software and other tools, allowing you to use Propex geotextiles and erosion control materials with confidence. You'll also find material specifications that facilitate competitive bidding and CAD drawings with standard details and cross-sections of Propex's erosion control methods.



## Mud Mats to the Rescue!

### The Problem

After several days of rain, the site was too muddy to access with regular equipment.



### The Solution

12 Mud Mats were placed for the equipment to drive on. When the project was completed, Mud Mats were rolled up and ready for the next job site productivity rescue!



### The Results

No construction delays!



## NEW PRODUCT

### New Fasteners Available Through Brock White Thunder Bay

Brock White - Thunder Bay has expanded their fastener product selection. A broad range of high quality products are on hand that stand up under the demanding conditions of today's building industry. Innovative and reliable products for the building and roofing industry, as well as general contracting.

Save valuable time and money. Quick and easy to use. Reliable and high quality. Fasteners from renowned companies such as Buildex, H. Paulin, Infasco and SFS Intec. Recognized brand names such as Tek's and Trugrip. For use in applications such as wood to metal, metal to metal and steel siding to steel columns.

- ✓ Tek screws
- ✓ Trugrip screws
- ✓ HHA B screws
- ✓ Wood screws
- ✓ Sheet metal screws
- ✓ Cabinet screws
- ✓ Drywall screws
- ✓ Machine screws
- ✓ Nuts, bolts and washers
- ✓ Threaded rod

#### Sample Products Brock White Is Now Carrying:

##### Light Duty Tek's, 33

Preferred most by Electrical, Decking, HVAC and Metal Contractors.

Used in applications such as stitch roof deck and wall panel side slaps. HVAC, electrical trim accessories to steel framing. Brick ties to steel framing. Track to stud and stud splicing. Hat channel to stud.

Sharp convex drill point has precise cutting edges to improve drill performance with less effort. Non-walking point provides fast material engagement. Unique point



to thread design extrudes the metal preventing strip out. Point to thread design maximizes pullout performance and minimizes back out. Two head styles available to handle various applications.

Use this product for

- ✓ General
- ✓ Framing
- ✓ Renovation
- ✓ Mechanical
- ✓ Electrical
- ✓ Siding
- ✓ Remodeling
- ✓ Roofing - Commercial
- ✓ Manufacturing-Industrial
- ✓ Manufacturing-Windows
- ✓ Miscellaneous Metals
- ✓ Metal Building
- ✓ Postframe Building

##### Trugrip with 2 piece washer, 21

The preferred fastener by the leading post frame builders and manufacturers.



Ideal for applications such as roof and wall panel to wood structure, panel over insulation to wood structures and stitch roof and wall panel.

Non-walking sharp gimlet point for fast material engagement. Double lead thread for fast panel pick-up. Dual sealing bonded washer prevents leaks. Vulcanized bonding of washer eliminates separation of EDPM from the metal building. High Hat HWH for driving stability. Available in Climaseal finish which provides excellent corrosion resistance and lower tapping torque.

Use this product for

- ✓ Roofing - commercial
- ✓ Metal Building
- ✓ Postframe Building

## FEATURED PROJECT

### Genesis Land Development Project

**LOCATION:** Sage Hill Crossing- Shaganappi Trail NW, Calgary, AB

**CLIENT:** Genesis Land Development Co.

**OWNER:** The City of Calgary

**ENGINEERING:** Progressive Engineering, Calgary, AB

**AGES SALES REP:** Harold Mackesey, AGES/Brock White

**DATE COMPLETED:** September 2007

This design, supply and install project was completed in September 2007 by AGES Brock White Canada Company. The project involved the design and construction of a mechanically stabilized earth slope to support a major City of Calgary freeway section that encroached on a housing development making a conventional slope impossible. The tight spacing requirements required either a conventional retaining wall or a vegetated steep slope with a front face gradient of up to 1.6H:1V. The length of the section is 180 m and maximum height is 8 m. Geogrid embedment lengths ranged from 5 m to 13 m. The front face was reinforced with a TRM (Pyramat) that was topdressed with loam, seeded and then capped with a 100% coconut erosion matting.

The client was Genesis Land Development Corporation of Calgary with the city of Calgary ultimately taking ownership of the road and retained slope system. The engineering firm overseeing the project on behalf of Genesis Land is Progressive Engineering of Calgary. The vegetated steep slope system offered considerable savings over a concrete conventional retaining wall while providing a softer landscape for home owners whose properties back onto this section of freeway. The reinforced soil slope also provides minimal maintenance, is environmentally friendly, reduced heat island effects of hard surfaces like concrete or rock and was quickly installed while working along side earthmoving operations and installation of a major city sewer line.

