



**GreenShield™**  
CONCRETE TECHNOLOGIES by Newtonbrook



Protect the planet. Build green.

**NB**  
**Newtonbrook**  
CREATIVE IDEAS • CONCRETE SOLUTIONS

## GreenShield Concrete Technologies

A concrete technology that **greatly reduces the carbon footprint by using recycled glass**, while at the same time offering increased LEED points to Architects, Builder Developers, Spec Writers and Contractors alike.

## Going Green

Building on its more than 65-year history and affirming its commitment to the future as a third-generation family owned and operated business, Newtonbrook Block and Supply Company has transformed its entire product offering to be greener and more sustainable.

### IT'S THE RIGHT THING TO DO

- 1** The first step in becoming "Green" was to convert to a radiant heat curing system.
- 2** Secondly, we looked at ways to reduce or replace the use of virgin material (example: limestone, sand).
- 3** We then reduced the use of Portland cement, resulting in a CO<sub>2</sub> reduction.
- 4** Lastly, we introduced the **GreenShield** and **GreenShield Plus+** technology.

Buying green products is the right thing to do for the planet. Buying GreenShield Concrete Technologies gives Architects, Builder Developers, Spec Writers and Contractors what they've been looking for: More LEED points on every project. And with today's younger, more informed buyer, environmentally friendly products are top on their list of purchases.

Join other industry leaders and put Newtonbrook to work on your next project by using GreenShield Concrete Technologies.



Newtonbrook uses the waste from the glass recycling process, reducing the cement proportion and resulting in a reduction of CO<sub>2</sub> emissions being released into the atmosphere, using this glass as a supplementary cementations material (SCM).



### PREVENTS OVER ONE MILLION

Pounds of carbon dioxide from being released into the atmosphere per year



### PROTECTS OUR NATURAL RESOURCES

Consumer glass waste has now been turned into something valuable - a replacement for aggregate



### PROMOTES HEALTHY LIVING

Cleaner air to breathe with less CO<sub>2</sub>



80% of all non biodegradable post consumer glass gets landfilled. Newtonbrook prevents 1,000,000 lbs of glass from reaching the landfill each year.



### PREVENTS 1,000,000 POUNDS

Of glass from reaching the landfill each year



### PURELY MINERAL

Non-allergenic, VOC free, odourless, non-combustible



### REDUCED VIRGIN MATERIAL

Less limestone and sand used, reducing the amount of land to be excavated



### ENHANCES THERMAL QUALITIES

Improving comfort



### LOWER DENSITY

Lower weight, class D achieved



### HIGHER LEED POINTS

Compared to carbon capture equivalents



Build your dream while helping to save the planet.

# As featured in The Ontario Construction Report

II The customer receives a concrete product that helps reduce the carbon footprint and diverts tons of glass from waste.

– The Ontario Construction Report

The LEED points available through the GreenShield product line is something buyers and developers will find attractive.

– Nino Masucci, Executive Director of Sales II



## GLOBE & MAIL CENTRE

351 King Street East, Toronto  
Build: First Gulf  
Architect: Diamond Schmitt Architects  
Mason: Lazzer Masonry Contracting Ltd.



## GRAND PALACE CONDOS

9612 Yonge Street, Richmond Hill  
Build: G Group Development  
Architect: Hariri Pontarini Architects  
Mason: Tribrik Group Ltd.



## SELBY CONDOS HIGH RISE

592 Sherbourne Street, Toronto  
Build: Deltora / Diamond Corp  
Architect: bKL Architecture, Thomas Kerwin  
Mason: Lazzer Masonry Contracting Ltd.



## CORNELL HIGH SCHOOL

Almira Avenue and Bur Oak Avenue, Markham  
Build: Percon Construction Inc.  
Architect: Synder Architects  
Mason: JVH Masonry Ltd.





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## WHY NEWTONBROOK?

- ▶ 65 YEARS IN THE CONCRETE PRODUCTS INDUSTRY
- ▶ FAMILY OWNED FOR 3 GENERATIONS
- ▶ DEDICATED TO GREEN TECHNOLOGY
- ▶ CREATORS OF GREENSHIELD PRODUCTS
- ▶ SERVICING ONTARIO
- ▶ MAKERS OF CONCRETE BLOCKS, BRICKS,  
STONE AND LANDSCAPING PRODUCTS

**GreenShield Concrete Technologies**  
by Newtonbrook Block & Supply Co Ltd

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