

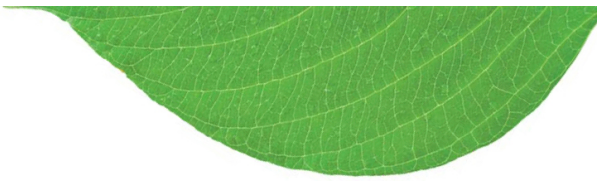


GreenShield™  
CONCRETE TECHNOLOGIES



Protect the planet. Build green.





## 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.

## 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.



### 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.



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 cementitious material (SCM).



**PREVENTS OVER ONE MILLION**

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



**PROTECTS OUR NATURAL RESOURCES**

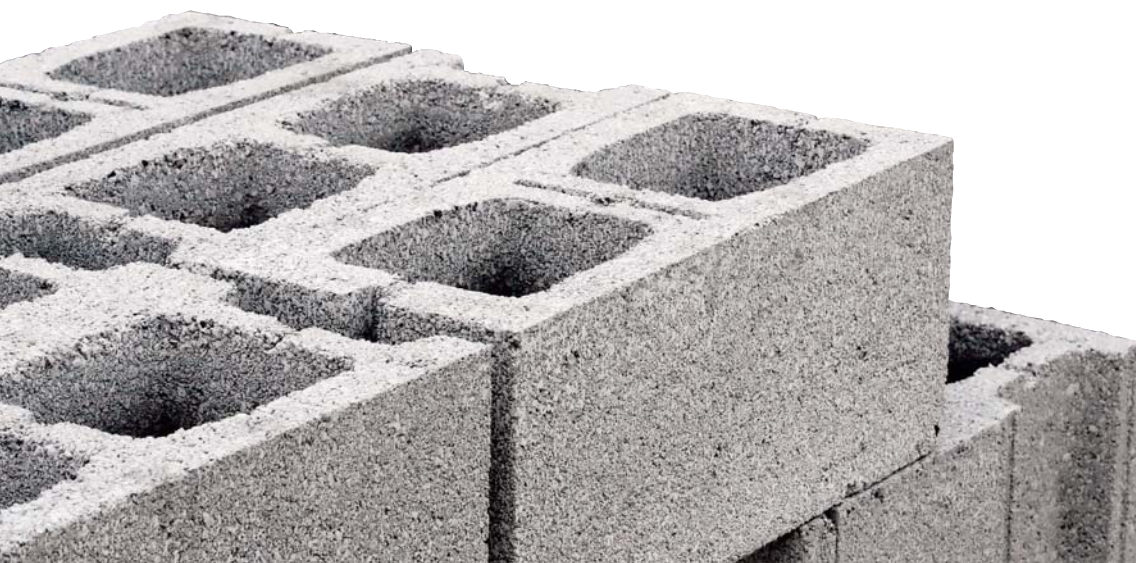
Consumer glass waste has now been turned into something valuable - a replacement for aggregate



**PROMOTES HEALTHY LIVING**

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

Build your dream while helping to save the planet.



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



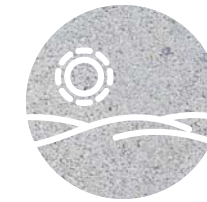
**PREVENTS 1,000,000 POUNDS**

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 extraction of raw materials and environmental degradation



**ENHANCES THERMAL QUALITIES**

Improving comfort



**LOWER DENSITY**

Lower weight, class D achieved



**HIGHER LEED POINTS**

Compared to carbon capture equivalents



# As featured in The Ontario Construction Report

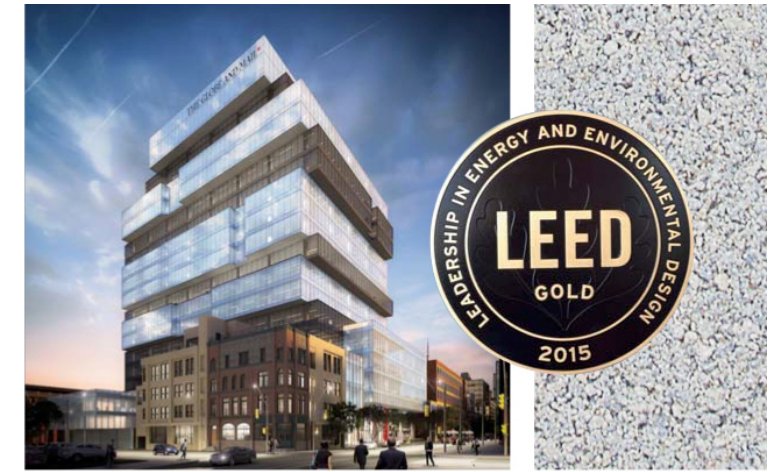
// The customer receives a concrete product that helps reduce the carbon footprint and diverts tons of glass from waste.

– The Ontario Construction Report //



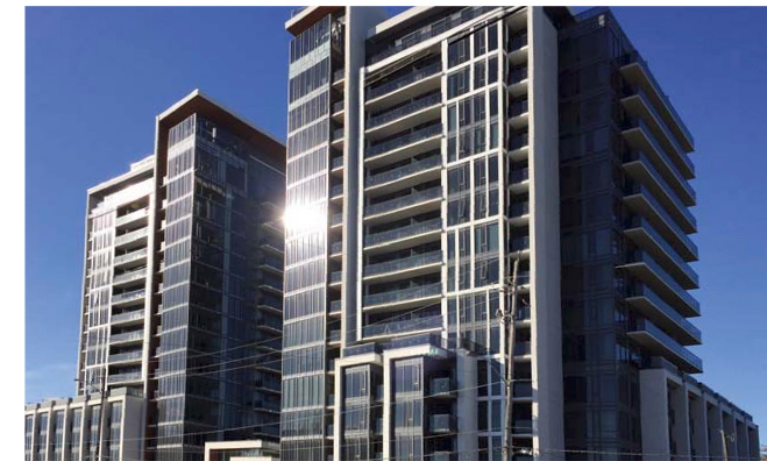
## GLOBE & MAIL CENTRE

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



## GRAND PALACE CONDOS

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



## SELBY CONDOS HIGH RISE

592 Sherbourne Street, Toronto  
 Builder: Deltera / Diamond Corp  
 Architect: bKL Architecture, Thomas Kerwin  
 Mason: Lazzar Masonry Contracting Ltd.



## CORNELL HIGH SCHOOL

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





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NgStone