



In joint efforts with **Brampton Chapter**

Technical Seminar

GLASS FIBRE REINFORCEMENT: CHANGING THE CONCRETE CONSTRUCTION INDUSTRY

When? November 6th, 2012 @ 6pm – 8:30pm

Where? Noel Ryan Auditorium, Mississauga library

Steel has been used as the primary reinforcing material in concrete for decades. In certain situations, however, the material properties of steel rebar do not meet the requirements. In these cases, Glass Fibre Reinforced Polymer (GFRP) Reinforcement can be installed. In Canada, the installation of (GFRP) rebar is becoming increasingly common in situations where conventional steel reinforcement reaches its limits, due to its tendency to corrode in chemically aggressive environments and due to their magnetic and electrical conductivity. Glass Fibre Rebar has a higher tensile strength, is corrosion resistant, non-magnetic, easily machined and much lighter than steel. The newest generation of FRP reinforcing bars ComBAR is strong enough and extremely durable to be installed as permanent load-bearing reinforcement for 100 years and more.



*New Generation 55 GPa ComBAR®
Bent Bars:
Now available in 12, 16 and 20 mm*



*New Generation ComBAR® Headed Bars:
Now available in 12, 16 and 25 mm*

Speakers

D. Topuzi, MCE, Product Eng., Schöck Canada Inc., PhD Candidate at UW: New ComBAR Bent Bars and latest test results at University of Waterloo.

Prof. Dr. S. Sheikh, Dep. of Civil Engineering, University of Toronto: Results on the behavior of GFRP-reinforced concrete structures.

Prof. Dr. K. Sennah, Civil Engineering Department, Ryerson University: Sustainable bridge superstructure using GFRP technology.

Agenda

6:00 – 6:30pm	reception
6:30 – 7:00pm	first Presentation Q&A
7:00 – 7:30pm	second Presentation including Q&A
7:30 – 7:45pm	coffee break
7:45 – 8:15pm	third presentation including Q&A
8:15 – 8:30 pm	further questions and end of the event

This event is organized in cooperation
with:



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Refreshments will be available