



## FLATWORK APPLICATION

The use of **V-ROD** in flatwork applications is increasing at a fast pace with more durable and aesthetically pleasing concrete work as corrosion is completely removed from the equation. FRP reinforcement also has numerous benefits that will save headaches to owners and contractors.

VERSATILE: SUITABLE FOR USE  
IN ALL FLATWORK AND SLAB  
ON GRADE APPLICATIONS.



## WHY V-ROD ?



Lightweight and easier to handle & transport -  
Approximately 4x lighter than Steel.



Lower embodied energy vs steel = sustainable/green  
construction (70% of EE vs Steel).



Tensile strength outperforms and is superior to traditional  
rebar – Over 4-5x stronger than steel in tensile strength.



Corrosion resistant = No rusting.



Non-conductive, electrically/magnetically neutral **V-ROD**  
addresses any concerns with electromagnetic interference  
(EMI) in “healthy homes”.



Installation procedures remain the same as using steel.



Canadian made.





COST SAVINGS TO THE PROJECT CAN BE ACHIEVED THROUGH DECREASED TRANSPORTATION TRIPS, LABOUR COST AND PREPARATION TIME.

END RESULT, A HIGHER QUALITY PROJECT FOR A REDUCED COST.

## ABOUT **V-ROD** FIBERGLASS REBAR

**V-ROD** rebars are manufactured combining the pultrusion process and in-line sand coating process for superior surface bond strength. The FRP composite rebar is made from high strength glass fibers and resistant resin. The glass fibers impart strength to the rod while the resin imparts excellent corrosion resistance properties in harsh chemical and alkaline environments. The company's manufacturing process meets ISO 9001 and ISO 14001 standards. In addition, in-house quality control tests are routinely performed along with tests performed by independent laboratories.



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