



## EXECUTIVE SUMMARY

In 2013, research and development began in an attempt to find a solution that would help to improve upon the environmental impact and aid in the long-term resiliency of concrete. AtlantisFiber™ is driven towards forward-thinking innovation and highly motivated to uncover additional applications to add value to long-term sustainability in concrete, in a cost-effective and environmentally responsible manner.

Our approach — which incorporates a problematic waste stream from one industry and converts it into a value-added, performance-enhancing additive in another — creates a significant win/win for both industries by simultaneously improving their respective environmental impacts.

## ATLANTIS HOLDINGS LTD

Atlantis Holdings Ltd is based out of Vancouver, BC and is the parent company to AtlantisFiber™ Manufacturing. Atlantis Holdings Ltd operates primarily as an umbrella company invested in the development of Converted Polymer Fiber (CPF) manufacturing materials.

## ATLANTISFIBER™

Our primary blend, **Enviroguard-100**, a Polymeric Fiber Concrete Admixture, is an extracted blend of converted polymer fibers (CPF) sourced from repurposed tire fiber strands. Our Synthetic Micro-Fiber blend has been specifically developed to be used globally for a multitude of uses in concrete, including:

- Parking Lots and Structures
- Roadways and Infrastructure
- Commercial Slabs-on-ground
- Precast products
- Pools and pool decks
- Water Retention Tanks

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- Tunnels and bridges
- ... and more.

In early 2020, AtlantisFiber™ also developed a seismic-resistant concrete admixture that added to our product line. Our seismic concrete blend provides proprietary and extremely unique secondary reinforcement to spray on seismic retrofit technologies such as Shotcrete applications.

Our seismic blend is called SeismicFiber™ EHCC – an Engineered Hybrid Cementitious Composites. Our SeismicFibre™ blend provides a proprietary mixture that excels by being a unique secondary reinforcement that is engineered to be easily workable with seismic retrofit technologies such as Shotcrete. In fact, a 10-millimeter-thick (0.4 inch) layer of our EHCC is enough to reinforce existing interior walls and support structures and is able to withstand seismic events of 9.0 on the Richter scale.

Our **SeismicFiber™** EHCC blend has been specifically developed to be used globally for a multitude of uses in concrete, including:

- Seismic Retrofitting in Schools & Buildings
- Seismic Retrofitting on Bridges and Infrastructure
- Shotcrete & Seismic Spray Retrofitting Applications
- Commercial Slabs-On-Ground
- Precast Products
- ... and more.

Please visit our [AtlantisFiber™](http://www.AtlantisFiber.com) website for further information. [www.AtlantisFiber.com](http://www.AtlantisFiber.com)

## MEDIA CONTACT

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