

# EnduroShield

Up to 90% Less Cleaning

## THE MONTREAL BIODOME

The Montreal Biodome is the first indoor ecosystem of its kind, combining aquarium, botanical garden and zoo all under the one roof. EnduroShield® was chosen to protect expanses of glass dividers throughout the building.

The Montreal Biodome is home to four distinct ecosystems from the Americas, showcasing flora and fauna from diverse environments such as the Tropical Rainforest in South America, the Laurentian Forest in Canada, the St. Lawrence Marine Ecosystem and Polar World with Arctic and Sub-Antarctic temperatures.

The Biodome was originally constructed for the 1976 Olympic Games as a velodrome and was successfully transformed into a nature exhibit by 1992. Significant renovations have recently been undertaken as the Montreal Biodome seeks to continually improve the experience for its visitors. The installation of new laser etched glass exhibit dividers created by Replik-Art indicated the need for an eco-friendly low maintenance product.

### Application

Numerous options had been investigated, with high importance placed on finding a product which would have no negative affect for the 4800 animals and 750 plant species coexisting in the Biodome. The solution was EnduroShield® Protective Coating for Glass. EnduroShield is an environmentally friendly product, reducing cleaning time by up to 90% and also eliminating the need for harsh chemical cleaners while simultaneously diminishing water usage. It was quickly determined that EnduroShield would pose no hazard to the animals and plants within the delicate ecosystem. EnduroShield is also well suited to the varying temperatures within the Biodome, withstanding temperatures from up to 300 degrees Celsius right down to snow conditions.

EnduroShield® worked in conjunction with Replik-Art of Montreal to coat the glass dividers which are subject to dirt and grime from a constant flow of visitors to the Biodome. Replik-Art was surprised at how simple the application process was. Without any specialised equipment and minimal training, they were able to apply the product in factory, prior to installation. The application of EnduroShield ensures that the glass is easier to maintain and will resist staining well into the future.



"We've used EnduroShield to protect the glass exhibit dividers and are very impressed with the results. Not only is the glass protected, but it is also much easier to clean."

**Andre Montpetit, Replik-Art**



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### The Result

EnduroShield® for Glass is a permanent non-stick, protective coating for use on all glass surfaces. Using state of the art nanotechnology, the invisible coating seals the porosity of the glass and allows contaminants to reside on an easy to clean protective coating, making it an ideal solution for all glass installations such as the innovative laser etched glass surfaces at the Montreal Biodome.

Replik-Art is across new innovations in the industry and upon working with EnduroShield® on the exhibit dividers, company president Andre Montpetit has requested that all glass and stainless steel surfaces throughout the Montreal Biodome be protected with EnduroShield. By minimising cleaning time on glass and stainless steel surfaces, maintenance costs will be significantly reduced and the overall appearance of the surfaces will benefit from the protection of the EnduroShield Protective Coating range.



The team at EnduroShield worked in conjunction with Replik-Art to coat the glass dividers which are subject to dirt and grime from a constant flow of visitors to the Montreal Biodome.



The EnduroShield coating will assist in protecting the laser etched glass by sealing the porosity of the surface

“ EnduroShield® has proved to be such a great protective coating that we are now applying it to all our glass projects of this nature. For a fraction of the cost of the product we produce, we are now able to protect our customers' investment and keep it looking newer, longer.

Andre Montpetit, Replik-Art

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