

# EnduroShield

Up to 90% Less Cleaning

## GLASS ROOFS & AWNINGS:

### ENDUROSHIELD® PROTECTION FOR GLASS

EnduroShield® for Glass is a permanent non-stick, protective coating for use on all glass surfaces. Using state of the art nanotechnology, EnduroShield® acts as a permanent shield to seal the porosity of the glass, allowing contaminants to reside on an easy to clean protective coating. The invisible coating, which is only two molecules thick, protects against staining and etching, making it an ideal solution for all glass installations.



### APPLICATION

EnduroShield® is ideal for use on all glass roofs and awnings. The once only application makes dirt and grime easier to clean by up to 90%. It will also protect against corrosion and etching caused by contaminants including sea salt, bird droppings and cement slurry during the building process. EnduroShield® continues to be specified by leading architects for application on both residential and commercial developments to protect the glass surfaces and reduce maintenance time for clients.

### HOW TO APPLY

EnduroShield® can be applied in factory to the glass panels before installation or in situ by certified applicators. The product is a clear liquid that is sprayed on, and polished into the glass, creating a permanent bond. Application comes complete with a 10 year warranty when applied to new glass, or 3 years when applied to existing glass.

### FEATURES & BENEFITS

#### Once only application: permanently bonds to the glass

EnduroShield® is not a traditional coating that sits on the glass, but chemically bonds, becoming a permanent extension to the surface.

#### Protects against corrosion and etching from contaminants including sea salts and pollution

Untreated glass is porous and as a result, it absorbs contaminants and pollution which cause deterioration and discolouration. The deterioration of the surface makes cleaning more frequent and more difficult. EnduroShield® seals the porosity of the glass helping prevent the deterioration caused by etching and corrosion. As a result the time and frequency of cleaning the glass is reduced.

#### Coating is UV stable

Accelerated testing of glass with an EnduroShield® coating has been undertaken with exposure to alternating cycles of UV light and condensation. Results show minimal or no change in the product's efficacy.

#### Maintenance costs are significantly reduced

As EnduroShield® creates a permanent non-stick coating which greatly reduces the time spent cleaning; maintenance costs can be reduced. EnduroShield® also protects the glass from staining and etching, eliminating the need for expensive glass restoration or replacement of panels.



"EnduroShield was a great solution for the glass awnings on the \$190M Chatswood Transport Interchange which are highly exposed to pollution and grime"

M. Smart, Project Estimator, Laing O'Rourke

### ENDUROSHIELD TESTING

Extensive accelerated and field testing was successfully carried out to determine the durability and longevity of EnduroShield®. Tests in-situ by the coast show that coated glass retains its appearance, cleaning ability and water beading ability in the hostile salt laden conditions, allowing a 10 year warranty for when applied to new glass and 3 years when applied to existing glass.

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