

**small  
investment,  
big  
rewards**

Diamond  Coat

The inside guide  
to protecting  
your glass



## We have all heard it's the little things that help the most. In this case it's very small things indeed.

Diamond Coat is an easy-clean protective coating for glass created using nanotechnology developed in Australia in association with CSIRO. Diamond Coat uses this technology as a way of treating glass to repel dirt and water making it hydrophobic – the “run-off” effect.

Nanotechnology uses sub-microscopic particles that are measured in nanometers (billionths of a metre, or 10<sup>-9</sup>). The largest nanostructure is about 1,000 times smaller than the human eye can see. At this scale substances can be created that form a very strong, permanent bond with the surfaces to which they're applied. In fact, in many ways they're really an extension of the surface itself, and the only way to remove them is to physically etch or damage the surface.

The appearance of glass deteriorates over time, which is most obvious on shower screens. This is due to corrosion. Contaminants present in water, such as calcium or lime from soaps and shampoos attack the surface of unprotected glass. The surface of glass appears to be smooth, but in fact consists of microscopic peaks and troughs that allow such contaminants to adhere to the glass. This permanent degradation in the quality of the glass often results in reduced visibility, an unsightly haze and cloudiness and becomes more and more difficult to clean

**Application of Diamond Coat produces an invisibly thin, durable “non-stick” surface similar to that of “non-stick” fry pans. Diamond Coat protects the glass from corrosion and prevents dirt and contaminants from sticking to the glass, dramatically reducing the need to clean.**



### You can't see Diamond Coat, but you'll know it's there

Diamond Coat is applied onto the glass during the manufacturing process, so you can have confidence in the quality and performance and ensure your glass is protected as soon as it is installed.

Diamond Coat isn't just invisible, flexible and extremely durable, it also instantly repels most substances that come into contact with it.

It works like a non-stick frying pan, by actually repelling dirt and grease. You won't need to clean nearly as often. And when cleaning is required, all it takes is quick wipe. Diamond Coat cuts cleaning effort and time by up to 90%, but it saves more than time.

### Protection from soap, lime, corrosion, fungus and mould

Over time, a soap and lime deposit can build up on shower screens. Diamond Coat stops the corrosion process by repelling everything, including water.

Because water won't sit on the surface, fungus and mould can't attach themselves. Your shower screen will stay clear and bright.

### Diamond Coat protects your home in and out

Because Diamond Coat has resistance to scratch and abrasion, 100% UV stable, and chemical resistant, it's also incredibly durable, so it can be used outside as well as in. It can take everything

the challenging New Zealand climate can throw at it, and protects external windows, glass facades, rooflights, glass pool fences or balustrades.

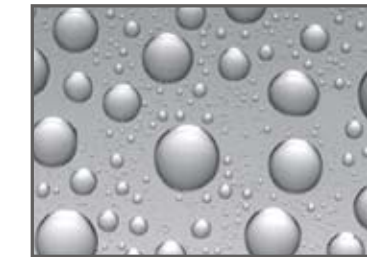
**Diamond Coat also protects the environment. Harsh cleaning chemicals are not only expensive; they're also potentially harmful to your family and to the environment. Diamond Coat cuts the need for household cleaning products. A quick wipe with a mild detergent is all you'll ever need.**

#### UNCOATED GLASS



The water drops spread and stick to the glass.

#### GLASS COATED WITH DIAMOND COAT



The water drops will “run-off” the glass.

### One application lasts up to 10 years

Diamond Coat is applied to the glass during the manufacturing process. Factory application ensures quality and performance and there is no need to get another trade to come onto your property. Your glass Shower Screen, Balustrade or Splash Back can be installed with confidence knowing you are protected.

#### Diamond Coat Benefits:

- Non stick protective coating
- Easy to clean
- Protection for showers, balustrades, pool fences & splashbacks
- Factory applied, one-time application (up to 10 years durability)
- Stay cleaner for longer
- Antibacterial
- Requires less cleaning
- Is easier to clean
- Maintains 'showroom' appearance for longer
- Eliminates the need for harsh cleaning chemicals
- Simply wipe with a damp cloth and mild detergent
- Saves water
- Resistance to scratch and abrasion
- UV Resistant
- Invisible
- Coated surfaces are not slippery and do not appear oily
- Environmentally friendly
- Never need to use aggressive cleaners and the mild detergents that are sometimes used are needed in much reduced volumes
- Saves time and money

To ensure Diamond Coat provides the best protection and to ensure maximum durability, please ensure all warranty care instructions are followed.

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