



- Easy to clean
- Durability tested

Enduro Shield®



GLASS PROTECTIVE COATING ADVANCED NANOTECHNOLOGY

ENDUROSHIELD IS LEADING THE WAY:

Smart businesses are choosing the cutting edge nanotechnology of EnduroShield

EnduroShield® is a manufacturer of permanent* protective coatings for all glass surfaces. Developed with cutting edge nanotechnology, the coating is supplied to customers all around the world. In choosing to partner with EnduroShield, you will be joining a network of successful companies that have found EnduroShield to be a highly profitable solution to glass protection, with a large market potential and customer base.



"We have been using EnduroShield for over 6 years and find it to be a great solution to ensuring our customers valuable investment is protected and easy to maintain. Due to the benefits of EnduroShield we are able to charge a good price and maintain healthy profit margins. I would have no hesitation in recommending EnduroShield to any glass company that is wanting to value add with a protective coating"

Palmers Glass is a leading manufacture of shower screens and glass fencing with over 30 years of experience.

Robert Palmer - Managing Director

**Enduro
Shield**

ENDUROSHIELD® NANOTECHNOLOGY GLASS COATING

EnduroShield is an invisible, non-stick coating that reduces cleaning time by up to 90%. Application is a simple process of spraying the liquid coating onto a clean surface to provide a permanent* protective bond. With EnduroShield, the use of harsh chemicals is eliminated. Due to the reduction in cleaning, you use less water, so the benefit to the environment is cumulative and ongoing. With EnduroShield it's easy being green.

GROWING TECHNOLOGY PROVIDES MAJOR BENEFITS TO CUSTOMERS

The demand for glass protective coatings will continue to grow at an exponential rate, and new advances in nanotechnology are allowing for exciting product developments. EnduroShield is recognised as being at the forefront of this technology, with architects and developers specifying EnduroShield on residential and commercial projects. This is due to the large number of benefits that EnduroShield provides, including:

- **Once-only application.** EnduroShield is not a traditional coating that sits on the glass, but instead chemically bonds with it, becoming a permanent* extension to the surface. Unlike competitor products, it does not require regular revitalizer products to maintain performance.
- **Protects glass against corrosion and etching from contaminants including sea salts and pollution.** Glass is porous and as a result absorbs contaminants and pollution which cause deterioration and discolouration. The deterioration of the surface makes cleaning more frequent and much more difficult. Enduroshield seals the porosity of the glass, protecting against the deterioration from occurring.
- **Protects glass against etching and pitting from cement slurry.** Glazing in the building industry often receives splatter and run-off from concrete and cement. If this is allowed to remain on the glass then etching and pitting can occur, necessitating the costly replacement of the glass.

EnduroShield is an inexpensive and easy-to-apply treatment that protects the glass during the building process. When building is complete EnduroShield continues to provide a permanent*, invisible coating that makes the surface easier to clean and protects the glass from staining over time.

- **Maintenance costs are significantly reduced.** Since EnduroShield creates a permanent* non-stick coating which reduces both the frequency and the time spent cleaning; maintenance costs can be significantly reduced. EnduroShield also protects the glass from staining and etching over time - eliminating the need for commercial and private properties to undertake the cost of glass restoration or replacement.

VALUE ADD WITH ENDUROSHIELD:



THE ENDUROSHIELD ADVANTAGE

EnduroShield is fast becoming the protective coating of choice in each of the markets that it enters. Leading companies are choosing to partner with EnduroShield due to the large number of unique factors that distinguish the brand from competitive products. These key factors include:

- **Durability** - chemical bonding to the substrate ensures a durable, hard-wearing coating after just one application. It does not require any revitalizer products to maintain the non-stick surface and is backed by a **10 year warranty**.
- **Ultimate Protection** - EnduroShield is only two molecules thick, is completely transparent and is both water and oil resistant. EnduroShield is also resistant to UV degradation, thus maintaining the integrity of the surface.
- **User Friendly**
 - Glass does not become slippery after application of EnduroShield and can easily be handled.
 - No need to mask-up the glass before application. The silicone seal will bond directly to EnduroShield treated glass.
 - Can also be used on ceramic frit, sandblasted and acid etched glass.

APPLICATION METHODS FOR ENDUROSHIELD

Enduroshield is a simple two step process (which includes pre-cleaning), that reduces application time, labour costs and maintenance: EnduroShield can be applied to the glass surface in 3 simple ways:

- **Manual:** Using trigger spray method and wiping into the surface
- **Semi-automated:** Using a low volume, low pressure spray gun
- **Fully automated:** Using a Lisec fully automated EnduroShield spray machine

APPLICATIONS FOR ENDUROSHIELD

EnduroShield can be easily applied to all types of glass:

- Insulated glass units
- Curtain walls
- Shower glass (screens and cubicles): clear or opaque
- Railings: glass railings & glass pool fencing
- Glass splashback/backsplashes
- Solar panels
- Marine glass
- Automotive: windscreens and side windows



Lisec Corporation is the world's largest manufacturer of high-tech production lines for the insulating glass industry. With extensive research and manufacturing facilities in Austria, Lisec are at the forefront of innovation.

Lisec and Enduroshield have co-developed a fully automated spray machine for the application of the EnduroShield glass coating. This machine can easily be inserted into a manufacturing line and comes in three different configurations depending on the customer's requirements.



BENEFITS OF BECOMING AN ENDUROSHIELD PARTNER:

The EnduroShield® brand is driven by constant product development and an aggressive marketing strategy. EnduroShield is continually striving to improve and to provide customers with the best value for money. We are committed to growing the easy clean coating market and are positioned to become the global number one brand in this category.

As an investment, becoming an EnduroShield partner has a lot to offer. EnduroShield provides attractive margins and has no licensing fees. EnduroShield provides a uniquely high level of ongoing support to help you establish and grow in your market. These include:

Advertising and Marketing – EnduroShield's advertising and marketing collateral has been developed to an extremely high level of quality and appeal to the variety of markets it serves. This ranges from simple brochures to videos and exhibition stand designs. The company is constantly refining these materials, and expanding the range of media types for which its content is customised.

Training – hands-on, face-to-face sales and product training are provided for you and your staff, including joint visits with target customers. Product training is also supported by online demonstration videos and downloadable application instructions from the EnduroShield® global website by utilising a confidential login.

Technical Support - as an EnduroShield customer you will have access to our friendly technical support staff. Based on our extensive knowledge and in field experience, we are equipped to swiftly handle questions and customer queries. EnduroShield's lead chemist is also available for support or analysis requirements.

**Based on 10 years of simulated normal use and certified by TÜV Rheinland.*



PERMANENT* PROTECTIVE COATINGS

- GLASS
- TILES & GROUT
- PORCELAIN
- STAINLESS STEEL

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It's Easy To Be Green With EnduroShield

EnduroShield is non-toxic and environmentally friendly while simultaneously eliminating the need for harsh chemical cleaners and diminishing the water used in frequent cleaning.