



Ordinary,
unprotected glass

Upgraded to
ClearShield Eco-Glass®

Utrecht University

Glass keeps its shine with ClearShield®!

- Glass stays cleaner and is easier to clean
- Prevents dirt and discolouration
- No more need for harsh cleaning chemicals

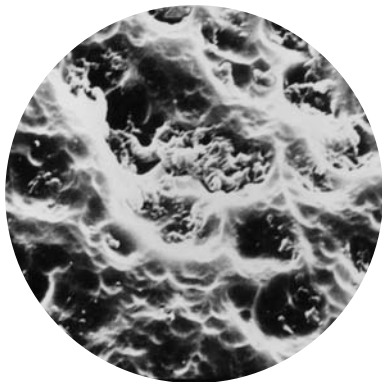
Glass keeps its shine with ClearShield®!

The quality of your glass is always under threat from airborne pollution and salt crystals. Other contaminants during the construction phase include 'alkaline elements' such as cement and concrete.

Nobody likes to see dirty glass. And it is even more annoying if the glass is awkward to clean – a particularly common situation found in offices, commercial buildings and residential high-rise buildings. Fortunately, glass can to a large extent be prevented from becoming dirty by treating it with ClearShield®.

Glass is vulnerable

The surface of glass is vulnerable and damage can easily occur. To the naked eye, the surface of glass seems to be smooth, but appearances can be deceptive. Under a powerful microscope, you can see that glass has a surface structure that seems more like a landscape of craters and valleys. These 'valleys' are the perfect sites for dirt to adhere and accumulate, making it easy for damage to occur.



The surface of glass is not smooth

ClearShield®: the clear solution

ClearShield® was developed over 40 years ago and was truly revolutionary. Treating glass with ClearShield® upgrades it to ClearShield Eco-Glass®, protecting it from all kinds of contaminants.

The way ClearShield® works is clear: it reacts with the glass in a way that lets it bond to the glass for a long time – up to 10 years.

Glass Treatment: ClearShield® is always an option

One of the special properties of ClearShield® is that the treatment can be carried out either straight after production (i.e. preventively) or at a later stage, for example because the glass is getting dirty quickly or has even become damaged. Treatment before using the glass is strongly recommended as it helps to prevent problems in the future due to damaged glass and unnecessary cleaning costs.

ClearShield® benefits people, buildings and the environment

Cleaner glass is greener glass

Cleaner glass lets more light through, leaving rooms better lit and needing less artificial lighting, saving energy. Because the glass stays

cleaner, it does not need to be cleaned as often. What is more, there is no need for harsh and abrasive cleaning agents to maintain ClearShield Eco-Glass®. This creates savings in labour, water and chemicals, leading to reduced CO₂ emissions.

Easy maintenance and cost savings

ClearShield Eco-Glass® demonstrably reduces maintenance costs due to less frequent cleaning, lower consumption of cleaning products and / or resources such as access equipment.

Satisfied owners and occupiers

Clean glass gives a better view and more light, which makes for better living and working conditions. The appearance of the building is improved and the glass can be cleaned more easily. Thanks to ClearShield Eco-Glass®, buildings can retain their pristine appearance for a longer period of time.

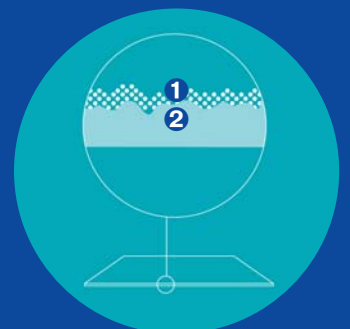
Find out more about ClearShield® glass surface treatment

We can treat your glass with ClearShield®! If you would like more details or advice, please do not hesitate to contact us.



How ClearShield® works

The polymers in ClearShield® bond tightly to the surface of the glass. The strong bonding between the substrates (both horizontally and vertically) is a unique feature of ClearShield®, giving it an even better and even longer-lasting action, for up to as long as 10 years.



- 1 ClearShield® polymers protect the glass
- 2 Glass surface



Ritec Services

Postal Address: Postbus 8, 4940 AA, Raamsdonksveer, The Netherlands

Site Address: Forellenweg 1-B, 4941 SJ, Raamsdonksveer, The Netherlands

T: +31 (0)162 523355 • **F:** +31 (0)162 523306

info@ritecservices.nl • www.ritecservices.nl



ClearShield® is manufactured in the UK by Ritec International Limited
www.ritec.co.uk

