Protection & repair

GLASS

What are the occuring problems with glass?

1. **Broken or Cracked Panes:** This is the most obvious problem requiring repair. Broken or cracked glass can compromise the structural integrity of windows, doors, or other glass features in the building.

2. **Weather Damage:** Exposure to extreme weather conditions such as hailstorms, heavy rain, or strong winds can cause damage to glass surfaces over time. This may lead to cracks, chips, or even shattering.

3. **Aging:** As buildings age, the glass may become worn or foggy due to factors like exposure to sunlight, moisture, or pollutants. This can affect visibility and energy efficiency.

4. **Seal Failure:** In double or triple-pane windows, seal failure can occur, leading to condensation buildup between the panes. This not only affects the appearance but also reduces insulation properties, impacting energy efficiency.

What are the occuring problems with glass?

5. **Frame Damage:** Damage to the frame surrounding the glass can also occur, whether due to age, weather, or physical impact. This can affect the stability and functionality of the glass.

6. **Safety Concerns:** Broken or. damaged glass poses safety risks to occupants, especially if it's in high-traffic areas or near entry points. Prompt repair is essential to mitigate these risks.

7. **Energy Efficiency:** Inefficient or damaged glass can lead to heat loss or gain, impacting the building's energy efficiency and increasing utility costs.

8. **Security:** Cracked or damaged glass compromises the security of the building, making it easier for intruders to gain access.

9. **Aesthetic Appearance:** Cracked or damaged glass detracts from the overall aesthetic appeal of the building, affecting its curb appeal and potentially its market value.

10. **Regulatory Compliance:** Buildings must adhere to safety and building codes, which may require prompt repair or replacement of damaged glass to ensure compliance.

Logic UW

Logic UW is a unique product based on epoxy resin, free from foam or other additives.

Its innovative technology allows it to spread effortlessly through pores, effectively repairing even the smallest capillary cracks.

Unlike traditional products, Logic UW does not dissolve in water, ensuring it won't contaminate drinking water sources.

Moreover, it is formulated without harmful ingredients or vapors, making it safe for use on porous surfaces without causing damage. This versatility and safety make Logic UW an ideal choice for various repair applications where water resistance and environmental friendliness are paramount.

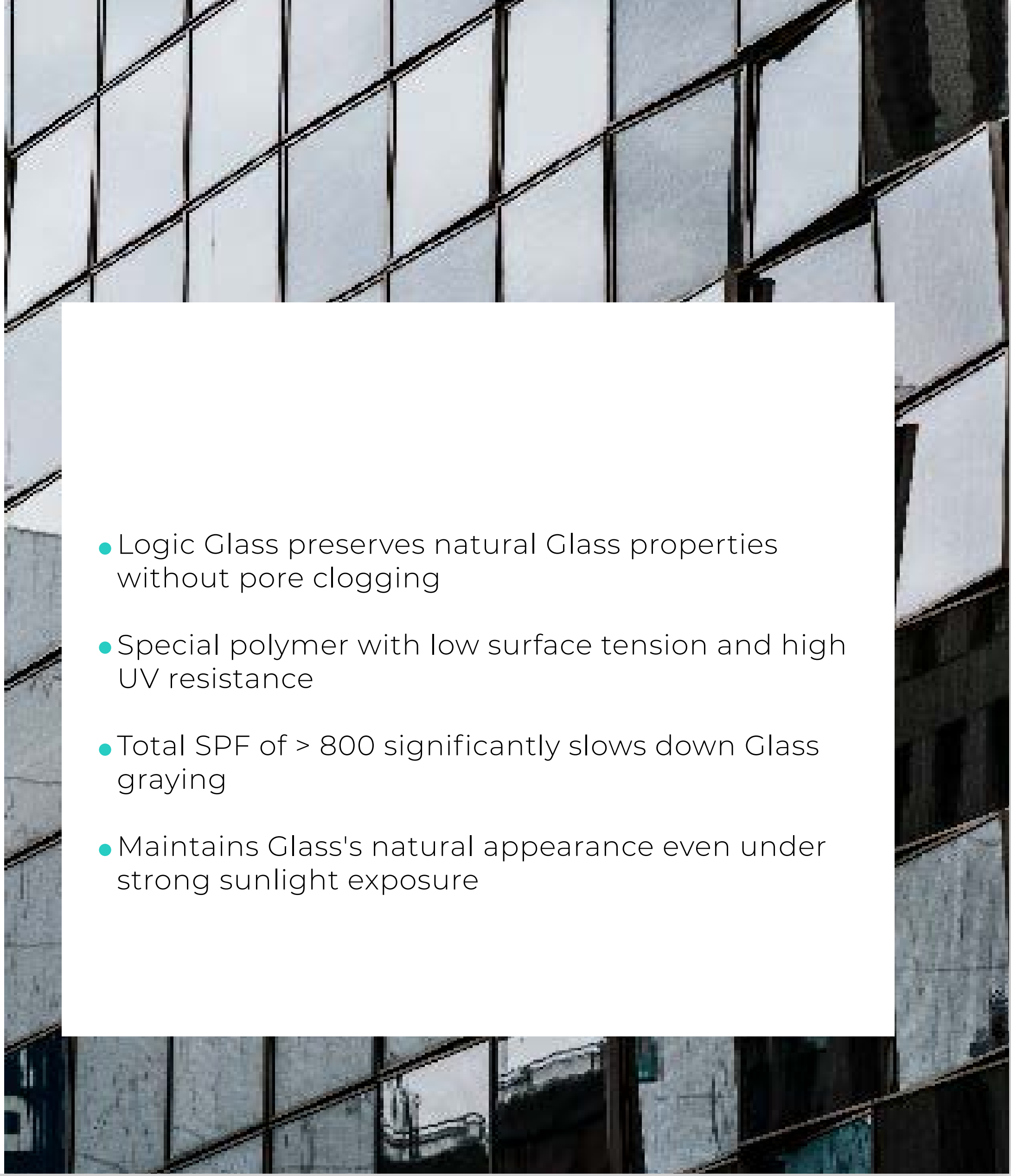
Various sensitive surfaces can be reinforced with

Logic UW

What is Logic Glass?

- Hydrophobic + oleophobic Glass cleaner and protection for indoors and outdoors
- Logic Glass is a special, innovative impregnation to protect Glass against the absorption of liquids such as:

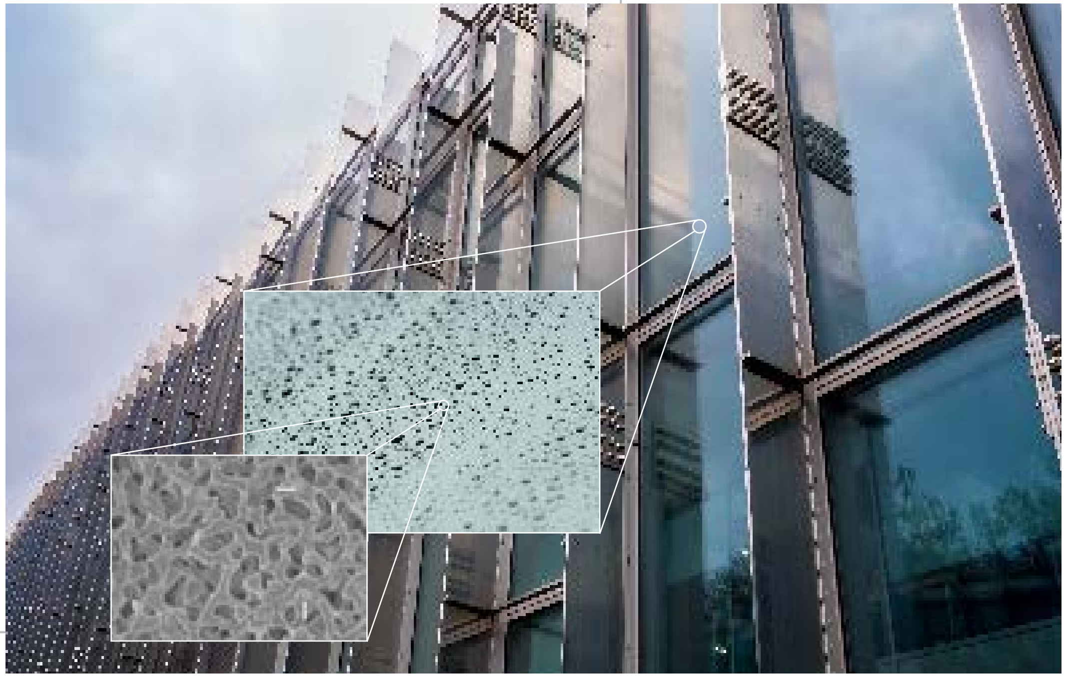
Water　Watery or greasy dirt　Oil



- Logic Glass preserves natural Glass properties without pore clogging
- Special polymer with low surface tension and high UV resistance
- Total SPF of > 800 significantly slows down Glass graying
- Maintains Glass's natural appearance even under strong sunlight exposure

Glass

- The pores of Glass vary a lot
- Glass is alive and breathes
- To find a suitable coating that doesn't harm the nature is rare
- For this reason the effect of Logic Glass lasts between 6 months to 1 year
- Logic Glass leaves a coating that protects against, water, dirt and oil.



Logic GLass

- Uniquely formulated Advanced Glass Cleaner
- Addresses challenges of cleaning glass surfaces, especially windshields
- Goes deep into microscopic pores to eliminate dirt, oil, and contaminants
- Ensures spotless appearance and maintains transparency over time
- Reduces need for frequent cleaning
- Suitable for vehicle glass and windows in large buildings
- Provides invisible protective coating
- Preserves look and functionality of glass
- Quick-drying feature
- Long-lasting formula guaranteed for six months
- Environmentally friendly and made from bio-based materials
- Safe for users and the planet
- Perfect choice for eco-conscious consumers

Logic Glass

- Logic Glass protects Glass fibers (lignin and cellulose) with a thin polymer film
- Polymer molecules are pico-sized, about 1000 times smaller than nanoparticles
- Forms a closed protective film even with thin film thicknesses
- Prevents lignin degradation by UV radiation
- Protects Glass without chemical biocides, using purely physical (mechanical) effect
- Logic Glass was specially developed for the protection of Glass

Technical info