

GENERAL GUIDELINES

- Always use personal protective equipment and take necessary precautionary measures for installation areas with difficult access.
- Read and follow the guidelines for all types of detergents and chemicals. If in doubt, contact the manufacturer of the detergents and chemicals. Try to limit its use to a minimum.
- Products containing Fluoric Acid, Fluorine, Chlorine, and Sulfur should not be used as they may damage the glass surface.
- Avoid using products made of strong acids and bases as they can erode the glass surface. The permissible pH of water is 6 to 8 (7±1).
- Ensure the compatibility between the chemicals used and other components (joints, paint used on the frame, aluminum, stone, etc.).
- When performing a difficult stain cleaning process, always start with experimentation on a small area.
- Avoid cleaning the coated side of T-Sunlux under direct sunlight or close to heat sources.
- Please remove any sealant or adhesives on the glass immediately as it will leave a stubborn stain which is difficult to remove.
- Ensure that cleaning wipes, squeegees, and other tools for cleaning are in good condition and avoid the use of sharp objects.
- To maintain good reflection aesthetics, please clean the glass every 2 – 3 months.

CLEANING ON NON-COATED SIDE

Cleaning can be carried out in successive order of the cleaning agents below. If cleaning is successful at a certain stage, there is no need to advance to the use of the next cleaning agent.



NORMAL CLEANING:

The Warranty is further subject to the following conditions:

- Scrub with **Clean Water** first for the entire glass surface.
- If the stain is not yet removed, a **Glass Cleaner** (pH 6 – 8) can be used.
- Avoid using cleaners that are not specifically designed for glass.
- Avoid mixing different types of cleaners into a single solution.
- Perform a rinse with clean water (odourless and not cloudy) after the glass has been exposed by the **Glass Cleaner**.
- When rinsing, ensure that there is no cleaning liquid left, and dry until there is no water left.

CLEANING STUBBORN STAINS:

In areas with high pollution levels or if the glass has been cleaned but stains remain, the following sequence of cleaning agents are recommended:

Stage 1: Alcohol with a minimum concentration of 90%

Clean using a soft cloth with a slight pressure. Do not focus on the stain only at one point, but rather clean it thoroughly several times if needed. Rinse the glass surface with water after cleaning. Ensure that no liquid is left on the glass surface after cleaning and rinsing.

DO NOT USE SHARP OBJECTS DURING THE CLEANING PROCESS.

Stage 2: Hot Water

If there are still stains after, it can be cleaned using hot water. The high temperature of the water makes it easier to lift the remaining stain deposits. Use a soft and clean wipe cloth only.

Stage 3: Cerium Oxide

If the stain is still difficult to remove, use a Cerium Oxide liquid (a mixture of 100-200 grams of Cerium Oxide powder in 1 litre of clean water). Use a soft cloth or steel wool grade #0000 and clean slowly. Cleaning should be restricted to the stain area and not on other clean surfaces as Cerium Oxide liquids are abrasive.

T-SUNLUX COATED GLASS

CLEANING & MAINTENANCE GUIDE



CLEANING ON COATED SIDE

Cleaning can be done in successive order of cleaning agents below. If cleaning is successful at a certain stage, there is no need to advance to the use of the next cleaning agent.



NORMAL CLEANING:

- Use **clean water** with a soft and clean wipe cloth.
- Ensure that there is no liquid remaining, and dry thoroughly.
- It is strongly **NOT RECOMMENDED** to use solutions that contain alkalis (bases) or acids such as Fluoric Acid, Fluorine, Chlorine, and Sulfur.

CLEANING STUBBORN STAINS:

In areas with high pollution levels or if the glass has been cleaned but stains remain, the following sequence of cleaning agents are recommended:

- Alcohol with a minimum concentration of 90%. Clean using a soft cloth with a slight pressure. Do not focus on the stain only at one point, but rather clean it thoroughly several times if needed. Rinse with water on the glass surface after cleaning. Ensure that no liquid is left on the glass surface after cleaning and rinsing.

DO NOT USE SHARP OBJECTS DURING THE CLEANING PROCESS.

CLEANING WITH SQUEEGEE

To avoid damage or scratches on the coated surface, please refrain from contact with hard materials such as metal or hard plastic.



It is not possible to repair scratches on the coating surface. The metal portion of the squeegee should not be allowed to touch the glass surface during glass cleaning.

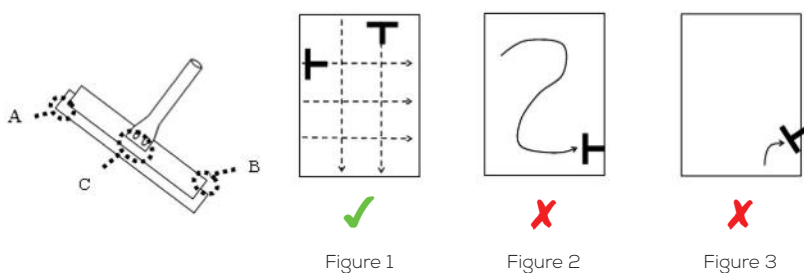


Figure 1 is a correct and safe cleaning pattern.

Figure 2 is a wrong cleaning pattern, as the squeegee sections **A** and **B** will scratch the coating surface of the glass.

Figure 3 is a wrong cleaning pattern, as section **C** of the squeegee will scratch the coated surface of the glass.