

Instruction for the Maintenance and Use of Acrylic Glass in Tanning Beds and Other Plastic Elements

To ensure the longevity and proper functioning of acrylic glass in tanning beds, it is essential to adhere to the guidelines for their use and care. Below are the recommendations for maintenance and usage that will allow for the appropriate handling of these materials.

Acrylic glass that transmits UV radiation and is used in tanning beds is easy to clean. However, only cleaning agents that do not damage the acrylic surface should be utilized.

Recommended Cleaning Agents:

- Soft paper and liquid cleaning agents specifically designed for acrylic glass (e.g., KBL megaClean, Sol Clear Smart, Destacryl Ultra Cosmedico). It is prohibited to use concentrated disinfectants; attention must be paid to the correct preparation of the cleaning and disinfecting solution according to the instructions provided by the specialized agent.
- Cleaning agents containing ammonium derivatives are permitted for use on acrylic glass.
- It is also advisable to use a soft microfiber cloth and warm water for cleaning. Before cleaning the surface of the equipment, all rings, bracelets, watches, and other jewelry should be removed to minimize the risk of scratches.
- Do not clean the acrylic glass when dry due to the risk of scratching.

Regular and thorough cleaning of acrylic glass is recommended, as contaminants left on the surface can lead to accelerated degradation of the acrylic under the influence of the high temperatures emitted by the lamps.

Cleaning Agents to Avoid:

- Concentrated disinfectants and products containing alcohol, acetone, solvents, acetic acid, denatured alcohol, and other abrasive cleaning agents must not be used.
- Aggressive cleaning agents containing essential oils are also prohibited.

NOTE: It is advisable to place visible instructions for customers prohibiting the use of hand sanitizers on acrylic glass and other elements of the tanning bed. These sanitizers contain alcohol, which can damage acrylic glass and other components of the tanning equipment.

WARNING: In the case of removing heavier stains, tanning salon personnel often use glass cleaning solutions, which may also contain alcohol. Therefore, staff should be trained on permitted and recommended cleaning methods to avoid potential damage to acrylic glass surfaces.

Wear and Durability of Acrylic Glass in Tanning Beds: Despite the advanced thermoforming technology used in producing acrylic glass, minor imperfections, streaks, or residues cannot be entirely avoided. During operation, small hairline scratches may appear on the surface of the tanning bed, which is a normal material phenomenon and does not significantly affect the device's usability.

Acrylic glass is considered a consumable in tanning beds, and manufacturers recommend replacing it every 1500 hours of operation or once a year.