

# CLEANING AND MAINTENANCE

## Advises for users

Frequent cleaning and proper maintenance is mandatory in order to extend the lifetime and guarantee perfect operation of doors and windows built with aluminium profiles.

### Advises

Aluminium profiles, locks, accessories and seals must be seldom cleaned in order to remove all accumulated dirt.

To avoid chemical attack of corrosive agents on the metal elements:

 Wash with neutral cleaning products ( $5 \leq \text{PH} \leq 8$ ) mixed with water, only 5% proportion of product;

 Use a low abrasive sponge well soaked with this cleaning solution;

 Remove the cleaning solution with running water;

 Clean with suede or other soft fabric;

 After cleaning, lubricate the locks with a multi-purpose lubricant spray and afterwards remove the excess with a dry cloth;

 On the surface of anodised profile and/or shine powder coating, use the same cloth used to remove excesses of lubricant to, with just one scrub, create a protective layer against corrosion.

Special attention should be given to the areas where profiles have been coupled, draining tracks and all the other areas where the profiles where cut.

### Glass Cleaning

Cleaning products used to clean glass should not come into contact with aluminium, locks or seals because these products usually contain ammonia in their composition, or similar products, that will interfere with materials from those parts.



### Periodicity

Always clean when the accumulated dirt is visible.

**4x**  
YEAR Aggressive Environments  
Areas with sea influence or with high level of atmospheric pollution

**2x**  
YEAR Non-Aggressive Environments  
All the other areas



### Periodical Inspection

During and after cleaning doors and/or windows, all components should be inspected, including opening seals, confirming that all was sealed before with silicone.

### Casement Systems

- Confirm proper operation of hinges and, always when necessary, lubricate the seal with a thin oil and remove the excesses with a dry cloth.
- Same procedure for command/closing systems.
- For seals, verify the position, elasticity, deformation and breaches.

### Turn-tilt Window

In this type of windows, the lock allows two types of opening, depending on the positioning of the closing handle.

- Whenever you wish to trigger the lock, you should, first of all, make a small steady pressure in the window, and only after, rotate the handle.

### Sliding Systems

- Verify the closing and sliding mechanisms ;
- Lubricate locks/fasteners and rotation whenever necessary.

When a malfunction, that compromise the correct functioning of door or window, is detected, you should contact a specialized technician.

The durability and performance of doors and windows also depend of the use and care given, it is in your hands to extend the lifetime of your aluminium frames.

For more information, please contact us at  
**[www.extrusal.pt](http://www.extrusal.pt)**

