

**Long life to a great product**

## **USE AND MAINTENANCE MANUAL**

RETRACTABLE ROOF – SLIDING SERIES



With a correct use and a monthly maintenance, you will achieve the maximum performance and durability of the product. This is why we recommend that you follow the instructions and advices of this Use and Maintenance Manual of Acristalia. The Sliding Series has CE marking and has been submitted to tests and essays in laboratories to measure its level of resistance to wind loads, its air tightness and water tightness (on the condition that the area of installation is adequately waterproofed).

### **USE**

For the correct functioning of the manual system and the motorised system, it is essential that there are no obstacles in the guides and profiles where the panels are sliding. If a problem remains with the sliding of the panels you must contact the company who installed the sliding roof.

**Manual system:** The manual system of the sliding roof is recommended for installations with light panels. It works with a stick that propels manually the panels forwards and backwards. This is how it opens and closes.

We recommend moving the stick away from the children and putting it in an only adult accessible place. The opening or closing of the panels must be done in a softly and controlled way. For a better use and safety, don't do abrupt movements with the panels.

It is not recommended to force the mobile panels once they have reached their end.

**Motorised system:** The retractable roof with motorised system includes last generation motors with Somfy technology, able to move the panels of the Sliding Series without any problem. The sliding of the panels is done by a remote control.

**Remote control:** It has a series of buttons to activate the opening or the closing of the panels, to stop the sliding of the panels where you want and a last button to select the row you want to open or close, according to the configuration of the motorisation quoted or chosen by the client, which can have an individual opening for each row or opening of several rows at the same time. The battery and remote control must be moved away from the children.

If the motor of the roof stops working, wait a few minutes as it could be due to overheating and there is a safety system that activates to avoid a possible overload. If the problem remains, check the battery of the remote control and make sure the area has light. If, after these verifications, the problem remains, contact the company who installed the sliding roof.

**Rain sensor:** if you notice that the roof closes even if it's not raining or there's no humidity, we recommend that you clean the sensor with a wet rag and lukewarm water. If, after 24 hours, the problem remains, contact the company who installed the sliding roof.

In addition, we recommend that you lubricate the sliding skids of the panels with silicone spray at least once a year. You must take special attention and avoid the spray to enter in contact with the driving belt and the pulleys of the traction system.

## **GLASS: CLEANING AND PRECAUTIONS**

The glass of our sliding Series must be cleaned with frequency to remove the dirt of the surface and avoid stains. The glass contains sodium and this mineral reacts with humidity in the air and can generate sodium hydroxide, something quite corrosive for the glass. You must prevent the sodium hydroxide from remaining a long time in the glass since it could cause permanent damages and would have to be replaced.

For an efficient cleaning, we recommend that you follow the following advices:

- Only use products made for glass cleaning and follow the instructions on the product's label. For an optimal cleaning, we recommend that you remove the product applied with a dry, soft and clean rag.
- Another option to clean the glass is to apply a combination of alcohol or ammonia with 50% water, dilute with lukewarm water and dry with a dry, soft and clean rag.
- Never use abrasive cleaning products or any other products or petroleum-by-products (polish, lubricant oils, gasoline and similar products).
- Don't use tools that could cause damages or scratches, if you have special glasses or glasses with layer, you must take special care.
- Never dry clean a glass.
- The hydrofluoric acid and phosphoric acid are corrosive for the surface of the glass and must not be used ever.
- Avoid splashes of weld during the cleaning of the metal profile, bricks or masonry.
- Clean frequently and do it if possible when there is no sun to avoid direct light and hot glass.

The PVC seals used in the rafters must not be in contact with abrasive products since, combined with sun rays, it could provoke deterioration or loss of characteristics.

### **Gutter profile cleaning**

For the water evacuation system to work, it is essential to maintain cleaned the drainpipes of the gutter. We recommend cleaning them at least every two months.

Pay special attention to the surrounding area of the installation of the roof. Trees of which leaves could fall into the gutter profile could obstruct the gutter.

## **ALUMINIUM MAINTENANCE**

The glass of our sliding Series must be cleaned with frequency to remove the dirt of the surface and avoid stains. The glass contains sodium and this mineral reacts with humidity in the air and can generate sodium hydroxide, something quite corrosive for the glass. You must prevent the sodium hydroxide from remaining a long time in the glass since it could cause permanent damages and would have to be replaced.

The aluminium requires an easy maintenance, however, it is necessary to do it well. The aluminium profiles of the Acristalia systems are high quality and we recommend that you follow the following steps to maintain them as long as possible:

- Clean the profiles three or four times a year. If you are located in areas near to chemical industries or on the seafront, it is recommended cleaning on monthly basis.
- The best way to clean it is rubbing softly with a rag or soft chamois cloth wet with water and soap or with a neutral cleaning product.
- It is not recommended to use abrasive products.
- Do not use scrapers or tools that could cause flaws.