



THE INTELLIGENT WINDOW IQ

## INSTRUCTION FOR CARE AND PRESERVATION OF WINDOWS

As all components in the external construction of a house, windows are also subject to the risk of damage from the external elements. In order to maintain a long lasting and fully functioning window, it is necessary to regularly perform some simple care and maintenance procedures.

To clean PVC profiles most light diluting household cleaning fluids can be used. The windows should be rinsed immediately after to ensure that no cleaning fluids are left on the profiles. It is important that cleaning fluids containing spirits are not used to clean coloured

PVC profiles or glazing. To ensure effective and safe cleaning of your PVC window profiles we recommend the use of Gealan's own cleaning fluid which effectively removes even the most resistant dirt and grime. This product can be obtained from DXGRUPP.

For wooden elements of windows light, diluting cleaning agents can also be used as long as they do not react with the lacquer or paint that has been applied during the factory process. After each cleaning it is advised that the windows are dried and then treated with a liquid/milk cleaner/polish.

The type commonly used on wooden household furniture. Rubber glazing seals and weather seals should be prevented from coming into contact with concentrated cleaning fluids or oily substances. Care should also be taken not to spray glass cleaned directly onto the rubber glazing seals.

Under no circumstances should abrasive cleaning fluids be used on windows. The same applies to steel cleaning pads/sponges or other similar abrasive cleaning implements. Use of organic or chemical thinners, or acids should also be avoided as this can cause deterioration of the profile surface.

Once a year the following maintenance should be performed:

- Check how the window operates and apply either silicone grease or Vaseline to all moving parts of the fittings.
- Check the integrity of the seal between the frame and sash and clean if necessary.
- Ensure that the water drains at the base of the frame are clear from debris and dirt.
- Check that none of the screws in the fittings are loose and tighten if necessary.





## ADVICE FOR USERS

### **Steaming on the inside of the windows:**

If windows are steaming on the inside you may consider the following. Under current building regulations people are concentrating primarily on the thermal performance of the building.

This has led to the development of products allowing a building to be practically air tight.

Everyday activities in a house such as cooking and cleaning create moisture. People also release moisture. One person can release approximately 1 liter of water vapour into the atmosphere in a night. It is inevitable that the build up of moisture and even mould will occur if ventilation is neglected.

Remedial action would be the installation of an appropriate permanent trickle ventilation system or purge ventilation (wide opening of windows for a 15 – 30 minute period during the day) can also provide a solution.

### **Steaming on the outside of the window**

Window technology is very advance nowadays and the current insulated glazed units have a very high thermal value. If moisture is occurring on the outside of your windows (usually in the morning or evening) this is evidence that your glazed units are performing well. The outside surface of the glass is simply not being warmed enough to evaporate the moisture from the glass. The windows are keeping the heat inside the building.

*DXgrupp*

A handwritten signature in blue ink, appearing to be 'D. X. Grupp', is written below the 'DXgrupp' logo.