

## USE

The LuxAir portlight is a glazed portlight that meets the requirements of the European standard ISO 12216. It is designed to be installed in Zone IIa, III, and IV of pleasure boats. It is approved for Category A vessels up to 24 meters in length.

## RECOMMENDED USE

- Portlights must be closed while sailing.
- Portlight locking: Locking is carried out by pushing the handle towards the glazing.
- Safety: Do not hang anything on the handles.
- Perform regular maintenance in accordance with the recommendations in the maintenance section.



## FRICITION ADJUSTMENT

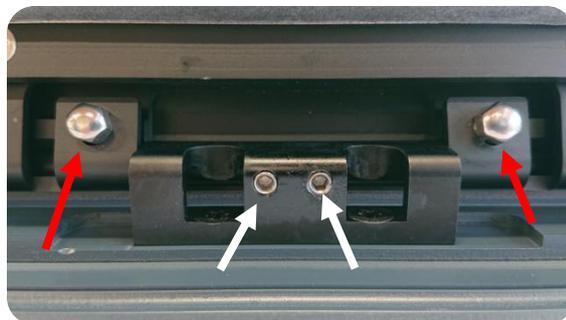
If the lid does not remain sufficiently in an intermediate open position, the hinge friction must be adjusted.

Adjust the tightening of the nuts indicated in the photo on the right (red arrows). Using a 7 mm wrench, gradually tighten the nuts by ¼ turn on each nut, test the opening, and repeat the operation if necessary.

Repeat the operation for the other hinges until the desired holding force is achieved.

If no improvement is observed during this operation, check that the set screws located on the fixed-frame hinge (white arrows) are fully tightened using a 3 mm Allen key. If not, loosen the 7 mm nuts and tighten these screws. The use of thread locker may be necessary. Then repeat the initial adjustment operation.

A tutorial explaining this adjustment is available in the support section of our website : [www.goiot.fr](http://www.goiot.fr)



## MAINTENANCE

Proper maintenance of a portlight is essential to ensure correct operation and extend its service life. It is therefore necessary to follow GOIOT Systems' recommendations:

- After each sea outing, it is recommended to rinse the portlights with fresh water, and at least every 6 months.
- Clean the inside of the portlight using a non-aggressive product (neutral pH soap) and water, with a soft cloth, preferably microfiber.
- Never use aggressive products on the glass or the peripheral seal during cleaning, as this may cause damage. A non-exhaustive list of prohibited chemical products is available on our website in the technical support section.
- Never use a high-pressure washer on a portlight.
- If the portlight is damaged, it is recommended to replace it. Please contact your dealer.

PERIODIC INSPECTION (at least annually; during haul-out), perform the following checks:

- Check the condition of the black EPDM sealing gasket of the opening sash and ensure there is no foreign matter.
- Check the condition and operation of the handles.

In the event of failure of any component, replace it. Installation manuals, product or kit references, the list of distributors, and technical manuals are available on our website.

Place this instruction manual in the owner's manual.

**USE**

The LuxAir portlight is a glazed portlight that meets the requirements of the European standard ISO 12216. It is designed to be installed in Zone IIb, III, and IV of pleasure boats. It is approved for Category A vessels up to 24 meters in length.

**EQUIPMENT**

- Template / marker / ruler
- Drill / screwdriver / jigsaw
- Bonding and sealing compound

**INSTALLATION**

- The LuxAir portlight is a glazed portlight. It must be installed in Zone IIa, III, and IV. To ensure proper drainage of rainwater, a minimum inclination angle of 45° is recommended.
- Bond the PMMA glazing in accordance with the recommendations of your sealant supplier. Surface preparation of both the glazing and the support is essential, as is the quality of sealing materials used.
- Allow the bonding to cure at temperatures close to 20°C if possible, avoiding large temperature variations.
- Check that the opening lid can be operated without obstruction.
- The portlight must be installed on a flat surface with a maximum tolerance of +/- 1 mm.
- Take into account the expansion of PMMA glazing (approximately 4 mm per meter per 50°C).
- The portlight must not be considered a structural element of the vessel, but as a source of light and an emergency escape (sizes larger than T44).
- If in doubt regarding installation, consult a professional.
- Position the hatch on the marked outline to check conformity and ensure no electrical or water systems are located in the installation area.
- Drill a hole inside the outline to insert the jigsaw blade, then cut completely along the outline.
- Ensure the glazing and support are clean and free of cutting dust before bonding.
- Apply a sufficient bead of sealing compound in accordance with your supplier's recommendations.
- Once the glazing is secured, clean off excess adhesive.

Refer to the “LuxAir Portlight – Use and Maintenance” manual for operating and maintenance recommendations.

Additional installation manuals, product or kit references, distributor lists, and technical documentation are available on our website.

Place this instruction manual in the owner's manual.