

## USE

The SecurAl escape hatch is an emergency exit hatch. To evacuate, turn the handles; then open the hatch.

Our emergency exit hatch meet the requirements of the ISO 12216 European standard. They are designed to be fitted in area I of multi-hull vessels. They are approved for vessels up to 24 metres length.

They are delivered with a locking bar:

- This must be fitted to the handles to guarantee the tamper resistance of the vessel in port.
- **IT MUST BE REMOVED DURING SAILING** in the event of emergency service intervention and the hatch must remain closed.



## EQUIPMENT

- Template/marker/ruler
- Drill/power screwdriver/jig-saw
- Mastic sealant
- 19 x Ø5 stainless steel A4 countersunk head screws
- 2 bolts (M5 countersunk head screw + washer + A4 stainless steel self-locking nut)

## INSTALLATION

- The hatch must be installed in area I, preferably about 200 mm above the waterline (laden vessel). It is therefore recommended that the hull has an inbuilt deflector or recess.
- In case of capsized, the hatch must be positioned a minimum of 200 mm above the waterline (laden vessel), in accordance with the Standard ISO/FDIS 12216 in effect.
- Check that there is no obstruction preventing the opening from being manipulated.
- When fitting a hatch, the proper preparation of both surfaces (hatch or porthole / support surface) is essential, as is the quality of the materials used to ensure the seal.
- The hatch should not be considered to be a structural component or one providing rigidity for the vessel, but as an area letting in light, an emergency exit, or an access point for emergency services.
- If you are unsure about fitting the hatch, please do not hesitate to consult a professional.
- The hatch must be installed on a flat surface of maximum tolerance +/- 0.5 mm.
- Place the hatch on the outline provided to check its conformity. A cutting template is available upon request.
- Check that there are no electrical or water installations in the area where the hatch is to be fitted.
- Drill a hole inside the outline for inserting the blade of the jig-saw, then cut out the piece entirely, following the lines.
- Check that the frame and support surface are clean (free of cutting dust) before beginning to seal it in.
- Lay a bead of mastic sealant (consult us if necessary) below the frame, that is thick enough to ensure a seal.
- Position the frame, countersink 2 attachment holes in the two opposing corners and attach the frame using two screws.
- Next, drill the 19 holes that will be needed for the mechanical securing of the hatch to the hull.
- In all cases, the hinge must be bolted, but the frame may be simply screwed into the hull.
- The excess mastic sealant should be forced out.
- Once the hatch has been secured, clean up the excess sealant.

## SETTINGS

If you wish to adjust the balancing of the hatch when it is opened, simply adjust the hinge friction elements. Place a 5 Allen key into the hinge opening and tighten using a 10 box spanner. Repeat the operation for the other friction.

## MAINTENANCE

Hatch maintenance is essential to ensure its operation and increase its life span. It is therefore necessary to follow the GOIOT Systems' recommendations, i.e.

- After each sea trip, it is advisable to rinse the hatches with fresh water.
- Clean the outside of the hatch using fresh water at least once every 6 months.
- Use a soft cloth, preferably a microfibre cloth
- Never use a high pressure cleaner on the hatch
- Never use solvent on the acrylic glazing or surrounding seal in order to clean it, as this risks damaging it
- Clean the inside of the hatch using a non-aggressive product (pH neutral soap) and water.
- If the hatch is damaged, it is advised to replace it; please contact your dealer.

Periodic check (at least once per year):

When in dry dock, check the following from the inside of the vessel:

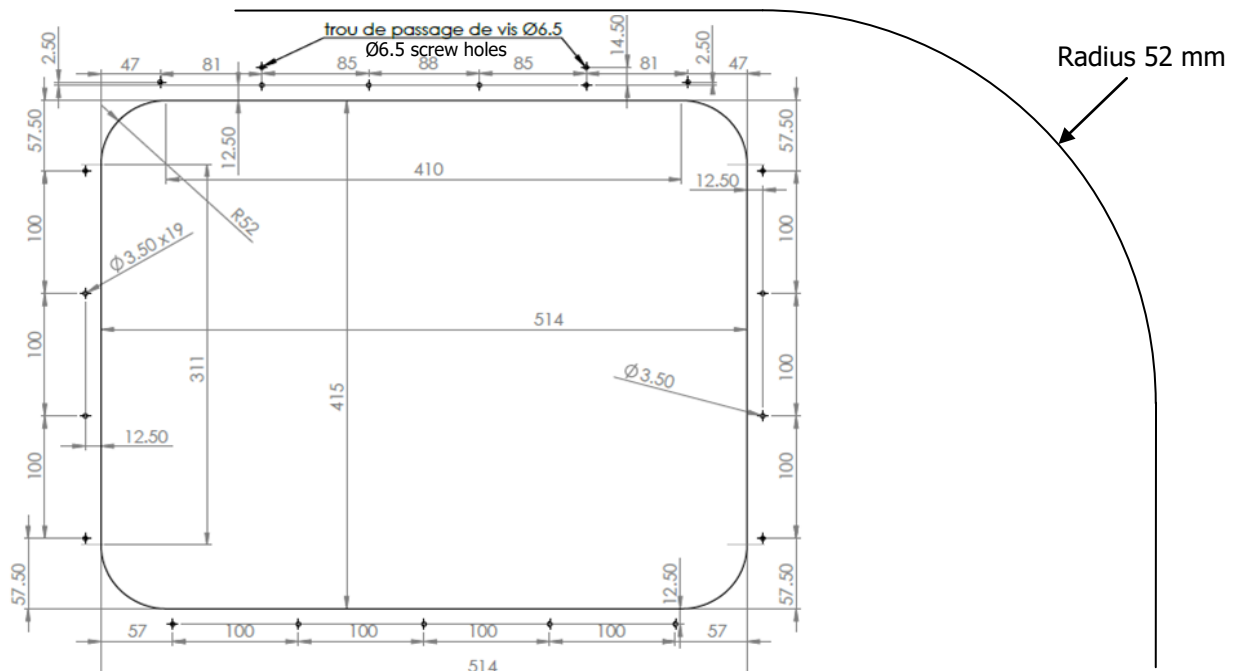
- The condition of the black EPDM seal of the opening part; check there are no foreign bodies.
- With the hatch closed, apply moderate pressure to the glass in the top corners to check that the acrylic glazing bond is still sound.

From the outside of the vessel, check:

- The condition of the silicon adhesive seal between the acrylic glazing and the hatch (integrity of the seal, any deterioration and resistance when scratched with a finger nail)
- Adjustment of friction elements
- Condition of the handles

If any element is faulty, it must be replaced. Please contact your dealer for more information. Furthermore, product and kit references, the list of distributors and technical documents are available on the website [www.goiot-systems.com](http://www.goiot-systems.com).

## OUTER DIMENSIONS



*Keep this service instruction in the owner's manual.*