

## S.27 THA Clamp In Door Installation Instructions (Page 1)

A450 v1

*If in doubt, Seaglaze would always recommend the use of an experienced fitting team. If you do not know any then we would be happy to point you towards some of our relevant customers who fit our products on a regular basis.*

**If required Installation and Spares Kits are available from Seaglaze. Please contact us for details.**

### Authorities:

S.27 THA doors are Type Approved by DNV GL. The door complies with DNV GL rules for classification—High speed and light craft.

Certificate Number: TAS00002R6



### Warnings:

- We recommend avoiding the use of power tools as they can strip screw threads. This could cause damage to the finish which could lead to premature corrosion.
- Only Marine grade stainless steel screws of the correct length should be used.
- If your door is glazed with Toughened Safety Glass it is important not to use knives or screw drivers around the glass as this could cause the pane to shatter.
- If the door is glazed with Acrylic please note that it is easily scratch by tools and scratches can not be removed.
- The frame should not be forced or bent in any way.
- No adhesives should be used for holding the door in place.

### Corrosion/Leak Prevention:

- Each screw should be coated in anti corrosive gel before fitting.
- If any paint is scratched during installation this should be addressed immediately. Please see M400—Paint touch up instructions.
- After installation all frame joints should be filled with clear gap sealer.

### Pre-Installation Checks

- Use the cleaning material to ensure the hull aperture surface is clean, tidy and flat. If you are replacing through fixed door, make sure you have filled and finished any previous holes.
- Dry fit the door into the aperture checking the fit. The door should fit in the aperture with a limited amount of movement, if this is not the case please see "F300 What to do if your door does not fit in your Aperture". The inner leaf must be kept in to ensure the frame remains square.

### Installation Instructions

- Apply the not-setting sealant to the flange either using a gun or tape. Seaglaze do not specify a particular brand but a one-part Butyl mastic is required as it allows fractional movement
- **In any normal installation we strongly recommend NOT to use adhesives as it might cause damage to frame or superstructure in event of a replacement being required.**

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### Installation Instructions (continued)

- Insert the door into the aperture and make sure that it's centred in the aperture by inserting shims from the inside at the bottom of the door.
  - One person should hold the door into the aperture from the outside.
  - The second person should hold the trim to the frame on the inside of the boat.
  - The second person, while supporting the door, should screw through the trim from the inside, picking up the M5 holes in the clamp bar in the outer frame of the door.
  - You should start by loosely fitting a screw at each end/corner to hold the door in place, these can be tightened later. Now alternate around the door, fixing the door in place to provide even pressure.
- ⇒ *Customer feedback has suggested it may help to use a couple of longer screws initially to locate/pick up the outer frame.*
- Then alternate around the door fixing it in place to provide even pressure.
  - If the leaf has been removed, reattach ensuring that any removed parts are coated with an anti corrosive gel, and they are correctly aligned with their holes.
  - Clean up and wipe away any excess sealant using the scraper.

### Post Installation

- Check all fastenings have been fitted.
- Ensure the door is pulled tight in all areas.
- Check when the door is in the fully closed position, all dogs have been engaged and are pulling into the wedges. Also ensure that all visible parts of the seal are compressed.
- Ensure the lock is checked and operates correctly.
- Use clear gap sealer in any frame joints (typically 2 in the main frame and at the top and bottom of each mullion).
- After 24hours we recommend re tightening all screws as the mastic will slowly settle.
- Conduct a Weathertight hose test—in the unlikely event of problems, please contact us using the details on our website

**It is required that the door is function tested to DNVGL –RU-SHIP Pt.2 Ch.4 Sec.8 Edition of July 2020**

After installation initial maintenance should always be carried out on all Seaglaze products.

**END OF INSTRUCTION**

### Options

Other useful instructions include...

- M310—Touch Up Paint
- F011—Finding and repairing a leak
- A440—FAQ's