

SUPERIOR MARINE HARDWARE DOORS AND CLOSURES

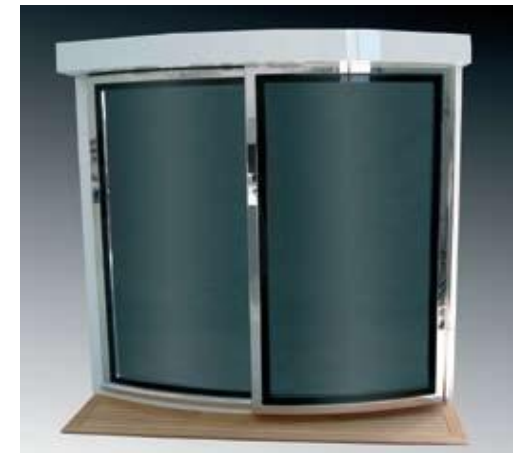


INTEGRITY IN SECURITY - PERFORMANCE - DESIGN

CURVED SLIDER

The defining statement of quality, these mirror polished 316L stainless steel curved sliders are customised to your individual specifications. Attention to detail is in every facet of production.

- Custom curved or flat panels to your project specifications
- Optional manual or automated drive systems
- Optional combinations fixed and sliding panels
- Glass as per class specifications
- Consultation with class societies to meet requirements
- Automation powered by 24v brushless DC motor
- Customised functionality to meet your requirements
- Multiple access options including sensors, bluetooth, touch screen, fob key and biometric scanning



FLAT SLIDER

Available in directional stack or bi-parting with optional fixed panels, these 316L mirror finished stainless steel doors are available in manual or automated options. Automation is powered by 24v brushless DC motor. Access options can include sensors, bluetooth, touch panel keypad, key fob access and biometric scanning.



STACKER DOORS

Bi-fold mirror polished 316L stainless stacker doors are available in a variety of opening configurations.

A quality statement in workmanship, these doors provide the perfect indoor / outdoor flow to the aft entertaining areas of your vessel.

Features include:

- Custom sizes for your project specifications
- Split or directional stack configurations
- Flexible design for glass thickness as required by class



FLUSH SLIDER

Designed to reduce the space required for door operation - especially in areas such as the port and starboard access ways, or wherever design issues are compromised, our Stainless DownUnder Flush Slider shows impeccable engineering

Powered by a 24v brushless DC motor, the seamless automated operation has multiple function options available such as overhead sensors, push button operation, touch screen controller or biometric scanning.

The Flush Slider enables the clean sleek lines of the vessel to be un-interrupted and does not compromise the finished aesthetics of the superstructure. The 'at sea mode' provides peace-of-mind during transit.



PORTLIGHTS

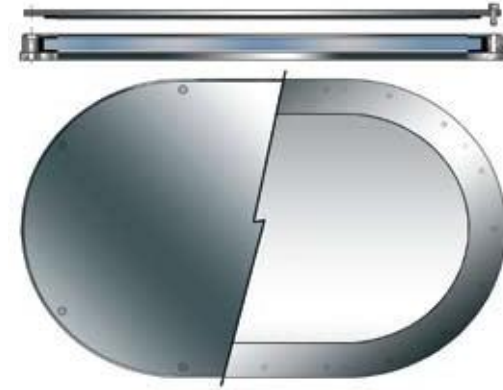
Mirror polished 316L Stainless Steel Portlights are available in a variety of styles and can be custom crafted to your individual requirements

- Custom sizes to your project specifications
- Fixed or opening styles
- Oval, elliptical, round, rectangular
- Gas stays
- Removable or fixed aluminium deadlights
- Optional sensors
- Tinted or clear glass
- Monolithic or laminated glass as required
- Optional removable mesh insect screens

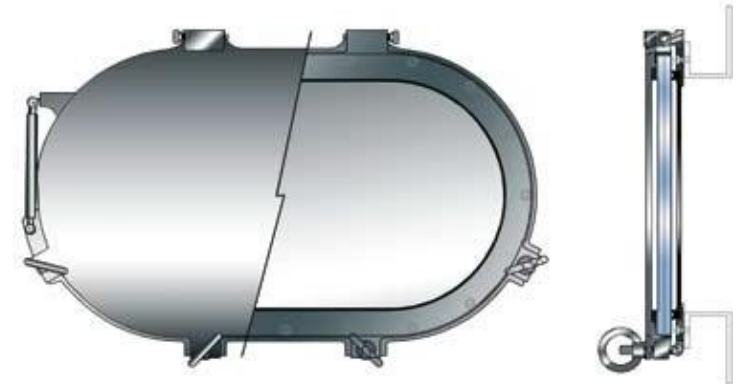
Fixed Round Portlight with Hinged Removable Deadlight



Fixed Oval Portlight with Removable Deadlight



Opening Oval Portlight with Hinged Removable Deadlight

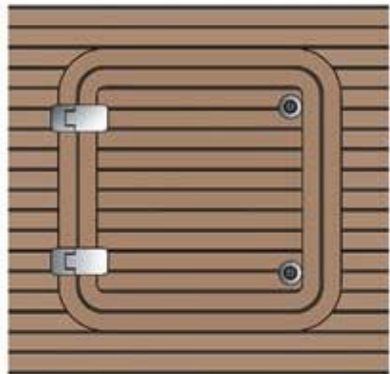


HATCHES

Superior style and aesthetically pleasing, our Flush Deck Hatches are mirror finished 316L stainless steel. Stainless DownUnder Hatches are available in standard and custom sizes to specific designer requirements

Configurations can include:

- A variety of tops including glass, teak, alloy and composite
- Tinted or clear glass with stainless trim
- Gas stays or actuators
- Flush to deck profile
- Standard, rebated or concealed hinge options
- Exterior 'winch handle' access with optional key locks
- Certified to ISO 12216 and other approvals available as required



Example of Flush Teak Hatch with rebated hinge

Example of Flush Hatch with glass lid in a painted deck



HAWSE / FAIRLEADS

Customised to your specific project, our Hawse Pipes and Fairleads are fabricated in 316 stainless steel and polished to a mirror finish.

Hawse and Fairleads can be split sleeved for ease of fitting or custom fabricated to the superstructure of your vessel.

Multiple options are available such as:

- Rollers
- Cleats
- Plain



Hawse can be customised with rollers, cleats or plain



STAINLESS BOLLARDS - CLEATS & HINGES

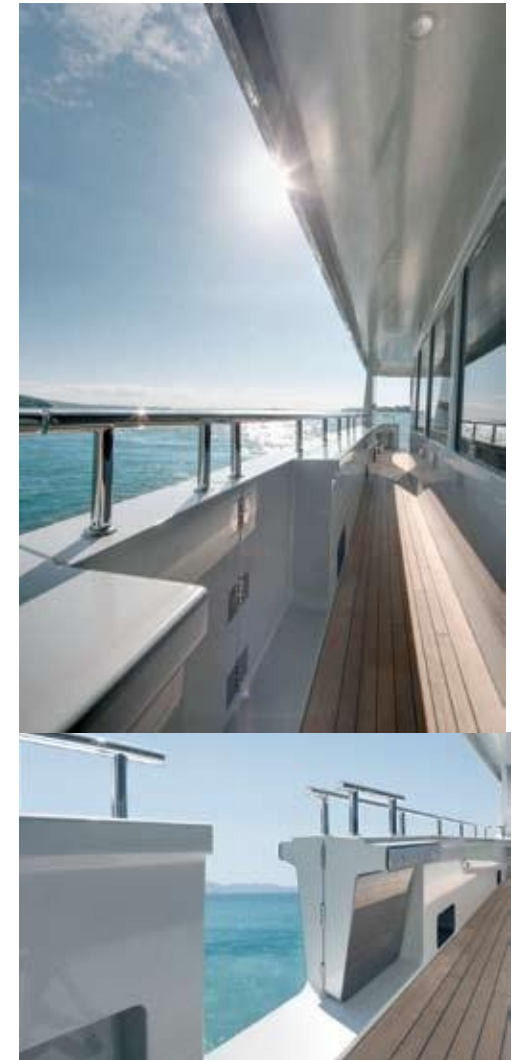


Stylish and with attention to detail, our Bollards and Cleats are mirror polished and have blind fixings to eliminate crevice corrosion and allow for ease of cleaning.

Our standard range offers 2 sizes of investment cast 316 cleats, and 2 sizes of stainless steel bollards in elliptical and oval styles. We also offer fabricated Maltese Cross bollards and other customised bollards and cleats to your unique specifications.

Hinges are fabricated from 316 stainless and finished to a mirror finish. Blind fixings allow for a seamless integration into multiple applications and they are available in custom sizes and shapes

Bulwark Door Hinges are engineered to withstand the heavy weight associated with the bulwark doors. Again, finished to a mirror polish, these hinges are available in custom sizes.



PANTOGRAPH DOOR

Available in manual or automated opening, these Kiwi Closures Pantograph doors can be either fabricated or machined from 5083 aluminium plate to ensure zero distortion and allows for a seamless paint finish.

Superior craftsmanship ensures impeccable quality customised to your specific project

- Door panel machined from 5083 aluminium plate
- Steel, stainless or aluminium frames
- Sloped sills for frame drainage
- Manual or linear actuated dogs
- Adjustable gasket carrier
- Automated or manual pantograph hinges
- 24v DC drive motor with manual override
- Key mode selector or touch screen option for multiple user modes
- Constructed to meet all classification rules



WEATHER-TIGHT DOOR

Manufactured from premium grade extruded and milled aluminium, these doors are designed and finished to impeccable standards for the superyacht market.

- Door panel machined from 5083 aluminium plate
- Steel, stainless or aluminium frames
- Individual or quick-acting dogs
- Sloped sills for frame drainage
- Constructed to meet all classification rules
- Stainless steel allen drive fasteners
- Adjustable gasket carrier
- Stainless steel butt, invisible and pantograph hinge options
- Radius or mitred corners



WATER-TIGHT DOOR

- Aluminium or steel door panels
- Steel, stainless or aluminium frames
- Stainless steel hardware
- Quick-acting dogs
- Concealed, face mount and pantograph hinges
- Radius or mitred corners
- Constructed to meet all classification rules



Exterior Weather-Tight Fire Door

- A0, A30 and A60 Lloyds Type approved
- Glazed and Technical door options
- Visually identical to our non-fire rated hinged doors
- Machined from Aluminium plate
- Engineered to meet required design pressures (as standard up to 35kn m2)
- Stainless steel or aluminium frames
- Customised solutions available on request



Exterior door immediately after 60 minute test up to 925 degrees Celsius



Glowing hot interior at 60 minutes

Aesthetically pleasing in design, our fire doors are visually identical to our comprehensive range of hinged doors and integrate seamlessly into the superstructure. Security and safe egress are critical and only Certified Fire Doors tested in the harshest of conditions provide unconditional peace of mind. Tested for 60 minutes at temperatures up to 925 degrees Celsius (1697 degrees Fahrenheit), this exterior weather tight fire door effortlessly exceeded the requirements for Lloyds Register Type Approval. During the extensive 60 minute trials in these severe conditions, the door and exterior glass easily held its integrity. And even though the interior glass layer melted in the extreme testing conditions, (as pictured above) the exterior sensors did not rise more than 60 degrees Celsius over the hour, proving how robust this door performed in the severe testing conditions.

Exterior Weather-Tight Double Fire Door

- A0, A30 and A60 Lloyds approved
- Full length glass on each panel
- Quick Acting dogs
- Engineered to meet required design pressures (as standard up to 15kn/m²)
- Stainless steel construction
- Customised solutions available on request

Visually appealing for the yacht exterior, these fully glazed double fire doors are designed and tested for the toughest of situations and allow for safe egress and passage. This exterior weather tight double fire door easily passed and exceeded the 1 hour fire test at temperatures up to 925degrees Celsius (1697 degrees Fahrenheit),

The test door size clear opening was 2100H x 2248W however due to the outstanding test results larger sizes can be manufactured according to the test matrix of time exceeded past the one hour test.

Photos show the test door before, during and after the extreme fire test.





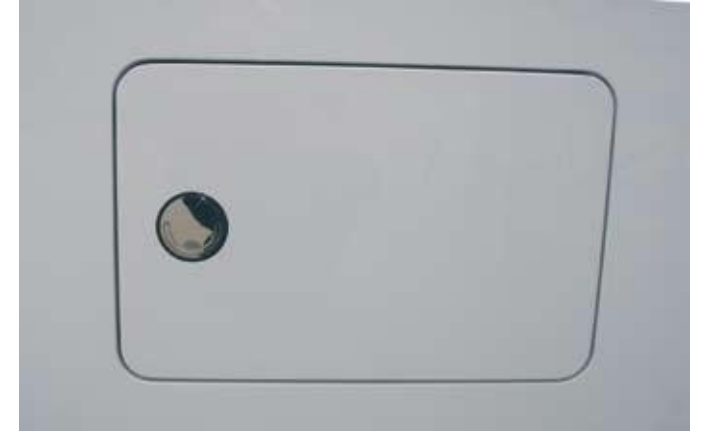
LOCKER DOOR

- Door panel machined from 5083 aluminium plate
- Stainless steel or aluminium frames
- Utilising Manfred Frank Hinges
- Supplied either bare, primed or paint finish to your requirements

Our line of vertical or horizontally installed locker doors are supplied as either fabricated or machined panels from 12mm or 25mm 5083 aluminium plate.

Perimeter framing is either clamped, welded or glued into the bulkhead cut out.

All hardware and fastenings are from 316 stainless steel, isolated with acetal to protect from bi-metallic corrosion. Single, double or custom shaped lockers doors are engineered to suit your particular requirements.



LOUVERED VENTS

We produce ventilation and air louvers in many styles to suit any application. We use the latest modelling software to ensure proper engineered air flows.

Louvers are supplied in either extruded aluminium or mirror polished 316 stainless steel. Options include weld in, clamp in or bolt in style, prepped and primed or fully top coated to match the finished superstructure.

Our exclusive design minimizes weld distortion to the louver blades, allows for 100% paint coverage and are fully adjustable to align the blade insert panel with the finished bulkhead.

The position of the blade insert in the frame housing is also adjustable to allow for true and even perimeter reveals at final installation.

Engineered to your specific needs, deadlights can also be produced if required. Custom shapes and sizes are readily manufactured to your designer requirements.

KIWI CLOSURES WATER-TIGHT HATCH

Functional and aesthetically pleasing, our WT deck hatch is manufactured to the highest specifications. Your choice of steel or aluminium frames, with a machined 5083 aluminium lid ready to take your teak finish.

Multiple gutter options are available of either polished or painted 316 stainless steel or a painted aluminium finish.

Hatches are available in custom sizes to specific designer requirements. Various hinge options are available from loop, concealed flush or top-mount options.

Linear actuators or gas stays give ease of opening. A central hand wheel provides quick acting dogs to ensure fast securing every time



DROP DOWN WINDOWS

Manufactured from premium grade 5083 aluminium, the new range of Kiwi Closures Marine Drop-down Windows are designed and finished to the highest industry standards for the superyacht market.

Customised to your specific project, our windows have many optional features and are sized to your requirements. Features include:

- Fabricated from 5083 aluminium
- 24v DC motor
- Manual override
- Safety sensors
- Flexible design
- Highest industry standards



KIWI CLOSURES ALUMINIUM SLIDER

Manufactured from premium grade extruded and milled aluminium, the new range of Kiwi Closures Sliders are designed and finished to impeccable standards for the superyacht market. Regardless of your boat design, we can custom manufacture to your individual requirements.

Manufactured with the utmost care, class specifications and certifications are readily obtainable for your project.

Manual and automated drive systems and hardware on doors provide effortless operations with whisper quiet operating systems.

- Automation powered by 24v brushless DV motor
- Motor or tensioner can be at either ends
- Flat and curved styles available
- Size can be custom to your project specifications
- Manual and automated drive systems and hardware
- Multiple access options including sensors, bluetooth, touch screen, fob key and, biometric scanning



QC test before shipping - 6P bi-parting automated slider

KIWI CLOSURES COASTAL SERIES

Designed specifically for the 20-40m yacht market we are proud to introduce the non-classed COASTAL stainless sliding door range for the 20-40m yacht market.

Available in manual and automated opening, the new COASTAL series has been value engineered and constructed from mirror polished 316L stainless steel. The product line encompasses the same reliable automation technology used in our other custom crafted products.

Superior craftsmanship ensures the same impeccable quality specific to your project. The COASTAL sliding door range can be custom manufactured in any size.

Features include:

- Euro style or Stile & Rails glass options
- Fully welded panels
- Modular construction for easy installation
- Internal or external track mounting options
- Fully programmable 24v drive system with multiple security and safety features
- Worldwide service centres
- Competitively priced



REFERENCES

Stainless DownUnder recently supplied the powered drop windows, a polished stainless steel three panel telescopic sliding door and a large single panel polished sliding door for our 45 meter Ron Holland new build at RMK.

SDU worked closely with the yard to design custom window and door solutions to suit our structure and the requirements of Class. SDU offered turn key solutions which included custom extrusions and drive systems, confirmation of our construction details on board, Class submittal and approval, manufacture and installation.

We are very satisfied with the outcome, the fit and finish are to the highest yacht quality standards and the work was performed in a timely and professional manner. In light of the above, we are pleased to recommend Stainless DownUnder and hope to work with them again on future projects.

Christopher Shearman, Project Manager RMK

Throughout the project they were helpful and they know what they are doing. They prepared good drawings with details and they updated them according to our needs. At the end they produced the items correctly to the drawings and when they brought them here, they all fit perfectly. But the most important thing is their quality. It is the best I have seen. Even the welds in places you will never see are neat and clean. For the installation, the people came here were nice and friendly and they knew what they were doing. They spend the time efficiently and worked everything without problems.

Ozcan OZCELIK -Project Coordinator RMK

Our company Diverse Projects caters to the discerning yachtsman by building bespoke custom yachts. Over the last decade one company has joined us in this vision by producing world class products, Andrew Lilly and the team at Stainless DownUnder Katikati. Whether it be straightforward high polished beltings to the largest of complex door structures their dedication to the customer and our requirements are second to none. With their own Inhouse design expertise with the ability to respond quickly to our wide range of requests makes it a very comfortable decision for us to not only recommend the company but continue the working relationship whenever possible.

John Vitali –Director, Diverse Projects





ABOUT US

Stainless DownUnder NZ Ltd and Kiwi Closures Ltd manufacture the finest polished stainless steel and aluminium doors, windows, hatches, locker doors, louvers and hardware for yachts and super yachts available.

Together, we have a wealth and depth of knowledge, experience and expertise on stainless steel and aluminium and pride ourselves in working directly with the owners, designers and yards to gain the desired result. Both companies are able to produce solutions customized to the specific project which gives owners, designers and the boat yards greater options instead of relying on generic solutions

The synergy between the two companies bring over fifty years of combined experience serving the yacht building sector. This long history and deep knowledge of our industry combined with the latest manufacturing techniques, experienced engineering staff and skilled metal working artisans allows us to produce closures that are second to none.

Stainless DownUnder and Kiwi Closures understand the importance of proactive project management and timely, effective communication. We work closely with the shipyard or project management team from the onset through commissioning. Our philosophy of shared ownership in the process and the outcome insures that our customers receive the proper fit and function each and every time.

Superior Marine Hardware Doors and Closures
Integrity in Security – performance – Design

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