



## Moonlight Luken

Bestellnr.	Ausschnitt	Ausschnitt Radius	Außenmaß	Außenmaß Radius	Glasstärke	Höhe
<b>Nr.12288</b>	340 x 200	36	395 x 255	68	8	34
<b>Nr.12289</b>	500 x 370	36	555 x 425	68	8	34
<b>Nr.12287</b>	500 x 500	36	555 x 555	68	8	34



- Exklusives, glattes Design
- Integriertes Friktionssystem mit gleicher Leistung in allen 180°-Belüftungspositionen
- Fliegengitter verfügbar
- Virgin Acryl – beste Qualität. Rauchblaugrau, viele weitere Farben sind optional
- Austauschbare Dichtungen
- Erhältlich mit Innenrahmen aus Kunststoff
- Flache, abgerundete Form, die ein gewaltsames Eindringen verhindert
- Max. Sichtbarkeit, keine Arme oder Streben, die den Lichteinfall blockieren
- Seewasserbeständiges Aluminium
- Alle Größen in den Ausschnitten R64, R55 und R43 erhältlich



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<b>Dicke</b>	<b>Montiert (mm)</b>
200x200 - R36	255x255 - R68
250x250 - R36	305x305 - R68
310x310 - R36	365x365 - R68
340x200 - R36	395x255 - R68
415x415 - R36	470x470 - R68
435x435 - R36	490x490 - R68
450x320 - R36	505x376 - R68
465x375 - R36	520x430 - R68
500x370 - R36	555x425 - R68
500x500 - R36	555x555 - R68
566x566 - R36	621x621 - R68

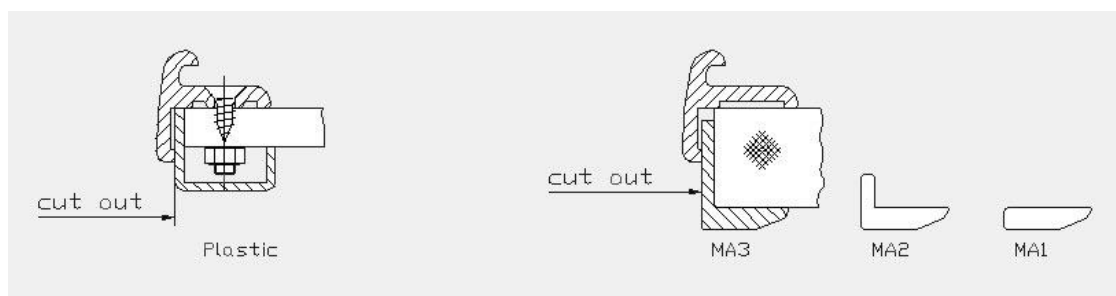


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Dicke	Montiert (mm)
620x620 - R36	675x675 - R68
680x680 - R36	735x735 - R68
435x435 - R36	490x490 - R68
500x390 - R36	555x445 - R68
500x500 - R36	555x555 - R68

## Optionen

### Arten von Innenrahmen





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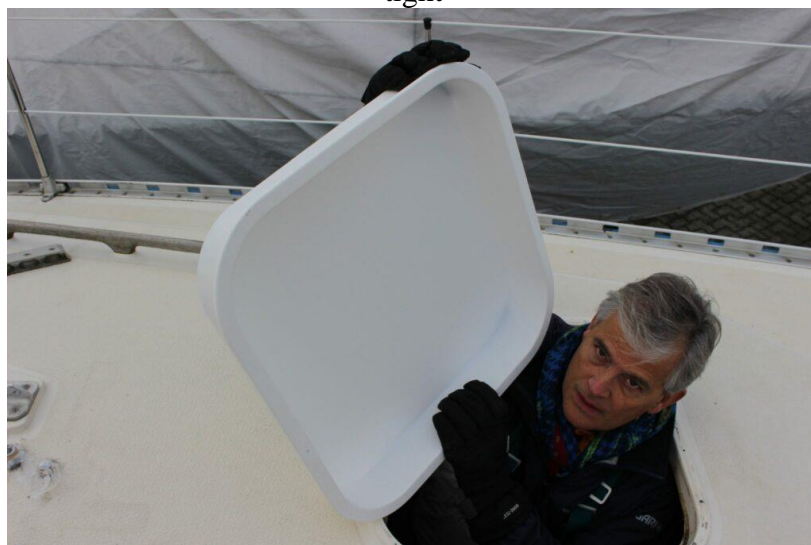
- Cut-out size and corner radius must be defined. Choose between Motorboat or Sailboat, and offshore or inshore.
  - See products



Beispielbilder ab hier für den Ausbau

### • CONFIGURATION OF HATCH NO. 1

- New modern deck hatches have larger and more powerful glass frames, that close down over the inner frame. This means that the hatch stays closed, even when sailing in high seas with water on the deck. Handles and hinges are made of impact-resistant ABS material. Powerful O-rings ensure that the handles stay tight



### • CONFIGURATION OF HATCH NO. 2

- The white inner frame is made of flexible material, which provides a nice cover against the inside of the deck. It must be mounted against the deck with structural adhesive, at the same time as the hatch frame



- **CONFIGURATION OF HATCH NO. 3**

- The adhesive does not contain dangerous isocyanates. It binds on degreased metals, gelcoat, fiberglass and plastics above and below the waterline. Hardening time is 3 mm per day. Cannot adhere to plastic with paraffins PP, PE and PTFE.

- **Removal of old Hatch**



- **REMOVAL OF OLD HATCH NO. 1**

- Unscrew the old inner and outer frame. They are fitted with self-tapping screws both inside and outside.



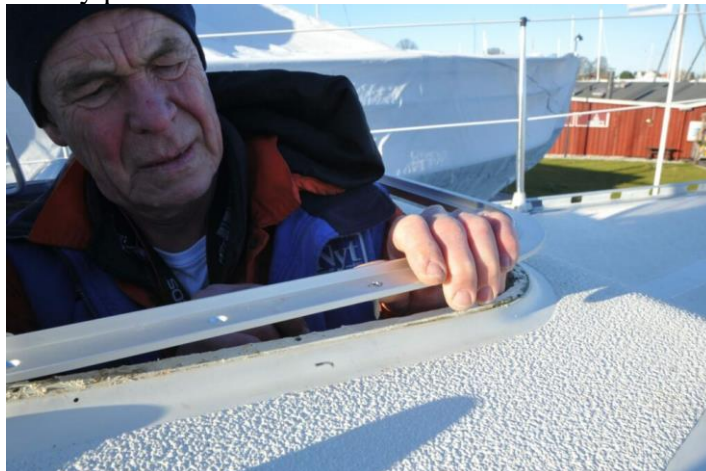
• **REMOVAL OF OLD HATCH NO. 2**

- Heat the outer frame with heat gun at low heat. The glue can get stuck where it sticks.



• **REMOVAL OF OLD HATCH NO. 3**

- Smoothly press a screwdriver under the frame while heating.



• **REMOVAL OF OLD HATCH NO. 4**

- Lift the frame, and take the frame away. The adhesive thus releases the entire frame and can be removed from the cut.



• **REMOVAL OF OLD HATCH NO. 5**

- Clean off glue with a scraper. Make sure all glue is gone as the old glue can contain silicone.



• **REMOVAL OF OLD HATCH NO. 6**

- Dry fit the new hatch in the cut-out. There must be a minimum of 3 mm of air all the way to the plastic inner frame.



• **REMOVAL OF OLD HATCH NO. 7**

- Degrease the frame system with thinner or degreaser. Be sure there is no silicone residue on the surface.



- **REMOVAL OF OLD HATCH NO. 8**
- Clean the surface with grain 100 grinding paper.
- Installation of new Hatch



- **INSTALLATION OF NEW HATCH NO. 1**
- Place the interior frame in the cutout for the old one. There must be a minimum of 3 mm of air around the entire cut.







- **INSTALLATION OF NEW HATCH NO. 2**

- Mark the abutment surface of the hatch on the inner frame with a pencil, at the top all the way around.



- **INSTALLATION OF NEW HATCH NO. 3**

- Measure the hatch frame thickness (approx. 10 mm). Deduct this from the hatch thickness (cover thickness plus frame) and place a pencil line around the inside of the frame.



- **INSTALLATION OF NEW HATCH NO. 4**

- Place a straight-edge guide on the outside of the frame with a pair of fastening tools and cut with a sharp knife. The work is repeated on all sides. Finally, cut corners in freehand



- **INSTALLATION OF NEW HATCH NO. 5**

- Round the frame for grates with grain 120 grinding paper



- **INSTALLATION OF NEW HATCH NO. 6**

- Cut off old inner lining with hobby knife. Make sure the surface is completely exposed.



• **INSTALLATION OF NEW HATCH NO. 7**

- Insert the new hatch frame into the cut-out and measure the clearance to the cut-out



• **INSTALLATION OF NEW HATCH NO. 8**

- There must be a minimum of 3 mm of air to allow the inner frame to slide up under the hatch frame.



- **INSTALLATION OF NEW HATCH NO. 9**

- Apply the glue directly to the frame cutout. Min. 3 mm of thickness on the entire frame edge. It is not necessary to apply to the degreased alum frame.



- **INSTALLATION OF NEW HATCH NO. 10**

- Apply glue so that the inner frame can be held to the cut and at the same time held against the aluminum hatch frame



- **INSTALLATION OF NEW HATCH NO. 11**

- Tighten the aluminum hatch frame and plastic inner frame together with a clamp, to squeeze out excess glue.



- **INSTALLATION OF NEW HATCH NO. 12**

- Remove the clamp and wipe off the excess glue. Replace the clamp and tighten slightly. Leave the clamp for 24 hours during curing.



- **INSTALLATION OF NEW HATCH NO. 13**

- Fill the screw holes with white glue and pull flat with a tool



- **INSTALLATION OF NEW HATCH NO. 14**

- Take away the protective film on the glass.

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