Certificate No: LR21429215TA
Issue Date: 08/06/2021
Expiry Date: 07/06/2026

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer **Rondal B.V.**

Address Flevoweg 1d, Vollenhove, 8325 PA, Netherlands

Type Weathertight Doors And Hatches

Description Deck Hatches made of aluminum, stainless steel, carbon fiber composite, in combination with PMMA and Laminated glass.

TYPE 94040-100

Application For use on the exposed decks of yachts and small crafts in positions of at least the standard tabular 'B' freeboard as appropriate to the vessel's size above the waterline over the aft 93% of the length of the vessel and at the required bow height in the forward 7% of the vessel length.

Restrictions:
The hatches are not acceptable in the following locations:
1. Where bounding spaces for carrying liquid cargo
2. In decks, bounding fire risk spaces unless of steel construction or fitted with suitable fire insulation to steel equivalence

Specified Standard Lloyd's Register's Rules for the Classification of Special Service Craft (2019) Pt 4, Ch 2, section 6.3;
Lloyd's Register Product Approval Procedure 918, issue no. 02

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Specialist Hull to Lloyd's Register EMEA
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Ratings	**Expressed in opening in the deck plate**		
	Minimal opening in deck/all materials:		300 x 300 mm
	Maximal size of opening:		
	Steel or Aluminum:	perpendicular to hinge line:	1200 mm
		Parallel to hinge line:	2870 mm
	Glass or Composite:		1.44 m^2
	PMMA:		0.64 m^2
Other Conditions	Locations of hatches are to be clearly indicated on the ship's plans which are to be submitted for approval.		

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: 10-00028(E1)-04

The Design Appraisal Document RTS-SST-212198 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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