



Certificate No. 01-013960/0110438

TYPE APPROVAL CERTIFICATE

This is to certify that this product complies with the Rules for the classification of ships, Part 1 - General requirements, Chapter 3 - Type approval of products.

TYPE AND DESCRIPTION OF PRODUCT:

FLOATING PONTOON TYPE AL/ST/12-3/2.12, FOR BERTHS IN MARINAS

MANUFACTURER:

INGEMAR srl
Via Martin Luther King 50
31032 Casale Sul Sile (TV)
ITALY

THE PRODUCT MEETS FOLLOWING RULES/REGULATIONS:

Rules for the classification of ships; CRS Technical Circular QC-T-191.

FURTHER DETAILS OF THE PRODUCT AND CONDITIONS FOR CERTIFICATION ARE GIVEN OVERLEAF.

APPROVAL IS VALID UNTIL: **2024-02-09**

Place and date: Split, 2020-03-11

Seal

Marinko Popović, dipl.ing.

NOTE: This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify Croatian Register of Shipping of any modification or changes to the product in order to obtain a valid certificate.

DETAILED PRODUCT DESCRIPTION:

Floating pontoon type AL/ST/12-3/2.12 structure is made of hot-dip galvanized extruded profiles in aluminium alloy (EN-AW 6060-T6). Pontoon has 3 floating units with dimensions 1.91x1.5x0.64 m made of expanded polystyrene covered with thin layer of reinforced concrete. Deck is made of tropical wood Yellow Ballau.

Pontoon dimensions

length	12 m	freeboard	0.55 m
breath (overall)	2.12 m	height	0.911 m

APPLICATION / LIMITATIONS:

- Significant wave height up to 0.4 m
- Mooring of crafts length up to 12 m

TYPE APPROVAL DOCUMENTATION:

Floating pontoon AL/ST/12-3/2.12, Standard Calculation Report No. 041.03 Rev.0
Floating pontoon AL/ST/12-3/2.12, Standard Technical Specification No. 041.03 Rev.0
Floating pontoon AL/ST/12-3/2.12, Test Report No. 041.03 Rev.0
Drawing "TELAIO DA mt. 12.00x2.28 ASSIEME COSTRUTTIVO" No. 1-1-S0000-Y-3205
Drawing "PONTILE GALLEGGIANTE AL/ST/12-3/2" No. 1-3-D0000-Z-6767 Rev.0
Drawing " GIUNTO DI UNIONE M24x150" No. 1-3-D0000-Z-6851 Rev.0

MARKING OF PRODUCT:

The product shall be marked with name of manufacturer, type of pontoon and serial number.

CONDITIONS FOR CERTIFICATION:

None.