



Certificate No. 01-016017/0112404

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 MSE AVP FOR BERTHS IN MARINAS

MANUFACTURER:



MSE GROUP
Marina System & Equipment, 25 Allée d'Athènes,
Parc d'activités Signes en Provence
83870 SIGNES
FRANCE

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: 2028-02-29

Place and date: Split, 2024-02-29

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 MSE AVP structure is made of 6005A T6 aluminum alloy frame and transversal and longitudinal 80x60 mm aluminum tubing beams. Pontoon has polyethylene floating units filled in polystyrene with dimensions 2.36x0.6x0.5 m and 1.2x0.6x0.5 m. Deck is made of tropical hardwood. Pontoon is equipped with two (2) fingers (catways) 6 to 10 meters in length, made of 6005A T6 aluminum alloy frame and transversal 80x60 mm aluminum tubing beams, with two floating units 310 L and 630 L and has tropical hardwood decking.

Pontoon dimensions MSE AVP 12/3:

length	from 6 to 12 m	freeboard	0.58 m
breath	(overall) 3 m	height	0.67 m
breath	2.275 m	joint strength	2x255 kN

APPLICATION / LIMITATIONS:

- Significant wave height up to 0.5 m
- Mooring of crafts length up to 20 m

TYPE APPROVAL DOCUMENTATION:

22_0061_AVP_Technology, standard, materials and product description

22_0061_NDC001AVP_Efforts_Pontons

22_0061_NDC002_AVP_Structure_Ponton

22_0061_NDC003_AVP_Structure_Passerelle

22_0061_NDC004_AVP_Effort catway

22_0061_NDC005_AVP_Structure_Catway

22_0061_NDC006_Buoyancy pontoon 12m x 3m

22_0061_PLA001_Ponton_STD

22_0061_PLA002_passerelle_STD

22_0061_PLA003_Catway_STD

22_0061_PLA005_Details of joints

Welding table – 1,2,3

Barrette2Trous140x30x8

Barrette2Trous235x30x8

Barrette3Trous315x30x8

Certificat matiere MSE_HYDRO

FLOTTEUR P1

FLOTTEUR P2

Silentbloc-150

Taquet2,5tonnes

Taquet5tonnes

Taquet10tonnes

VisserieFlotteurs

MARKING OF PRODUCT:

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

CONDITIONS FOR CERTIFICATION:

None.