



Potvrda br. **01-015224/0111647**  
Certificate No.

## POTVRDA O TIPNOM ODOBRENJU TYPE APPROVAL CERTIFICATE

Potvrđuje se da ovaj proizvod udovoljava Pravilima za klasifikaciju brodova, Dio 1. - Opći propisi, Odjeljak 3. - Tipno odobrenje proizvoda.  
*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.*

TIP I OPIS PROIZVODA:  
TYPE AND DESCRIPTION OF PRODUCT:

**PLUTAJUĆI PONTON TIP FE/CF/12RR-3/3.00 (FE/CF/8RR-3/3.00) ZA  
GATOVE U MARINAMA**

*FLOATING PONTOON TYPE FE/CF/12RR-3/3.00 (FE/CF/8RR-3/3.00), FOR BERTHS  
IN MARINAS*

PROIZVOĐAČ:  
MANUFACTURER:

**INGEMAR s.r.l.**

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

**PROIZVOD UDOVOLJAVA SLIJEDEĆIM PRAVILIMA/PROPISIMA:**  
*THE PRODUCT MEETS FOLLOWING RULES/REGULATIONS:*

**Pravila za klasifikaciju brodova, Tehnička okružnica HRB-a QC-T-191.**  
*Rules for the Classification of Ships, CRS Technical Circular QC-T-191.*

**DETALJI O PROIZVODU I UVJETIMA CERTIFIKACIJE DANI SU NA POLEĐINI.**  
*FURTHER DETAILS OF THE PRODUCT AND CONDITIONS FOR CERTIFICATION ARE GIVEN OVERLEAF.*

ODOBRENJE VRLJEDI DO: **2026-03-18**  
APPROVAL IS VALID UNTIL:

Mjesto i datum: Split, 2022-03-18  
Place and date:

M.P. \_\_\_\_\_  
(Seal)

Marinko Popović, dipl.ing.

**NAPOMENA: Ova potvrda nije valjana ako se proizvod ili način njegove proizvodnje promijenio u odnosu na tipno ispitani proizvod. Proizvođač treba obavijestiti Hrvatski registar brodova o bilo kojoj izmjeni na proizvodu kako bi ishodio valjanu potvrdu.**  
*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.*

**PODROBNJI OPIS PROIZVODA:**  
*DETAILED PRODUCT DESCRIPTION:*

Plutajući ponton tip FE/CF/12RR-3/3.00 (FE/CF/8RR-3/3.00) ima čeličnu strukturu (EN 10025 S275 JR) zavarenu MAG postupkom zaštićenu metodom toplog pocinčavanja. Paluba od tropskog drva Yellow Ballau postavljena je na uzdužnim aluminijским nosačima (EN-AW 6060-T6). Ponton ima 3 (2) uzgonska elementa dimenzija 2,92x2,0x0,9 m izrađena od ekspanđiranog polistirena klase SD, tipa N presvučenog s tankim slojem betona C20/25 ojačanog polipropilenskim vlaknima.

*Floating pontoon type FE/CF/12RR-3/3.00 (FE/CF/8RR-3/3.00) structure is made of steel (EN 10025 S275 JR, MAG welded and hot-dip galvanized). Deck is made of tropical wood Yellow Ballau screwed on aluminium beams (EN-AW 6060-T6). Pontoon has 3(2) floating units with dimensions 2.92x2.0x0.9 m made of expanded polystyrene grade SD, type N covered with thin layer of C20/25 sulphate resistant concrete reinforced with polypropylene fibres.*

**Dimenzije pontona FE/CF/12RR-3/3.00 (FE/CF/8RR-3/3.00):**

*Pontoon dimensions FE/CF/12-3:*

<b>duljina/length</b> 12 (8) m	<b>nadvode/freeboard</b> 0.75 m
<b>širina (preko svega)/breath (overall)</b> 3.0 m	<b>visina/height</b> 1.161 m

**PODRUČJE PRIMJENE / POSEBNI GRANIČNI UVJETI:**  
*APPLICATION / LIMITATIONS:*

- Značajna visina vala do 0.5 m
- Vez plovila duljine do 25.5 m
- Significant wave height up to 0.5 m
- Mooring of crafts length up to 25.5 m

**DOKUMENTACIJA ZA TIPNO ODOBRENJE:**  
*TYPE APPROVAL DOCUMENTATION:*

Plutajući ponton FE/CF/12RR-3/3.00 (FE/CF/8RR-3/3.00), Proračun br. 032-ENG-0 Rev.0  
Plutajući ponton FE/CF/12RR-3/3.00 (FE/CF/8RR-3/3.00), Tehničke značajke br. 032-ENG-0 Rev. 0  
Nacrtni "PONTILE GALLEGIANTE FE/IG/KING size DISEGNO DI ASSIEME" br. 1-3-D0000-Z-3561 Rev. B.  
Nacrtni "PONTILE KING SIZE FE/IG/12RR-3/3.00 TIPO K10 ASSIEME COSTRUTTIVO" br. 1-0-C1513-Y-8131 Rev.0  
Nacrtni "PONTILE KING SIZE FE/CF/8RR-3/3.00 ASSIEME COSTRUTTIVO" br. 1-0-S0000-Y-7959 Rev.0  
Nacrtni "PONTILE KING SIZE FE/CF/12RR-3/3.00 ASSIEME COSTRUTTIVO" br. 1-0-S0000-Y-7959 Rev.0  
Nacrtni "PONTILE KING SIZE GIUNTO DI UNIONE M24X200" br. 1-3-D0000-Z-5093

*Floating pontoon FE/CF/12RR-3/3.00 (FE/CF/8RR-3/3.00), Calculation Report No. 032-ENG-0 Rev.0  
Floating pontoon FE/CF/12RR-3/3.00 (FE/CF/8RR-3/3.00), Technical Specification No. 032-ENG-0 Rev. 0  
Drawing "PONTILE GALLEGIANTE FE/IG/KING size DISEGNO DI ASSIEME" No. 1-3-D0000-Z-3561 Rev. B.  
Drawing "PONTILE KING SIZE FE/CF/12RR-3/3.00 TIPO K10 ASSIEME COSTRUTTIVO" No. 1-0-C1513-Y-8131 Rev.0  
Drawing "PONTILE KING SIZE FE/CF/8RR-3/3.00 ASSIEME COSTRUTTIVO" No. 1-0-S0000-Y-7959 Rev.0  
Drawing "PONTILE KING SIZE FE/CF/12RR-3/3.00 ASSIEME COSTRUTTIVO" No. 1-0-S0000-Y-7959 Rev.0  
Drawing "PONTILE KING SIZE GIUNTO DI UNIONE M24X200" No. 1-3-D0000-Z-5093*

**OZNAČAVANJE PROIZVODA:**  
*MARKING OF PRODUCT:*

Proizvod se mora označiti imenom proizvođača, oznakom proizvoda te žigom HRB.  
*The product shall be marked with name of manufacturer, type designation and CRS stamp.*

**UVJETI ZA CERTIFIKACIJU:**  
*CONDITIONS FOR CERTIFICATION:*

Hrvatski registar brodova izdaje posebnu potvrdu o nadzoru za svaku pojedinu proizvedenu količinu (HRB obrazac QF-PS-25).

*Croatian Register of Shipping shall issue particular certificate on supervision for each manufactured quantity (CRS form QF-PS-25).*