



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS
No. FAB103425VE**

This is to certify that the manufacture of the product identified below is in compliance with the applicable requirements of the RINA Rules for the Approval of Manufacturers of Materials.

<i>Description</i>	Aluminium alloy sheets and plates
<i>Type</i>	Rolled products and coils of aluminium alloy Grade 5083 and Grade 5456
<i>Manufacturer</i>	NICHE FUSINA ROLLED PRODUCTS S.R.L.
<i>Place of manufacture</i>	VIA DELL'ELETTRONICA 31 30176 Marghera (VE) ITALY
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **RINA Venice Marine** on **June 24, 2025**. *This Certificate is valid until* **June 23, 2030**




Daniele Pilleri

RINA Services S.p.A.

This certificate consists of this page and 1 enclosure



CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS

No. FAB103425VE

Enclosure - Page 1 of 1

Rolled products and coils of aluminium alloy Grade 5083 and Grade 5456

APPROVAL CONDITIONS

- Temper condition and max thickness for Grade 5083: - 0, H111 max thickness 60mm
 - H128 max thickness 8 mm
 - H116, H321 max thickness 60mm
- Temper condition and max thickness for Grade 5456: -H116, H321 max thickness 50mm
- The chemical composition and the mechanical properties are to be in accordance with RINA Rules requirements and/or with International recognised standard.
- The products are to be tested according to RINA Rules and/or International recognised standard.
- For Grade 5083 H128 and for all grades with thickness over 50 mm, as per above limits of approval, mechanical properties shall be in accordance with an International recognised standard.
- The assembly by welding shall be carried out by welding processes and consumables approved by RINA for the concerned grade of alloy.

General conditions for the approval

- The approval is granted on condition that the RINA Rules for the approval, manufacture, testing and certification of materials are complied with in all respects.
- RINA is to be notified of any change of materials, manufacturing process, quality control routines that may affect the validity of this certificate.

RINA Venice Marine June 24, 2025