TEST LABORATORY RECOGNITION STATEMENT

No. REC012126Y4

This is to certify that:

Description	**Test Laboratory Recognition**
Type	**Composite Materials Test**
Applicant	**LINSET & CO Srl**
	Via Turati, 12/A
	61032 FANO (PU)
	ITALY
Manufacturer	**LINSET & CO Srl**
	Via Turati, 12/A
	61032 FANO (PU)
	ITALY
Reference standards	**RINA RULES FOR RECOGNITION OF TEST LABORATORIES (Ed. 2022)**

LINSET & CO Srl has been found in compliance with the requirements of the RINA "RULES FOR RECOGNITION OF TEST LABORATORIES" for the performance of the tests listed in the attachment to this certificate.

Issued at **Ancona** on **April 22, 2026.** This statement is valid until **April 22 2029**

Paolo Usmiani

RINA Services SPA

This certificate consists of this page and 2 enclosures

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Enclosure to No. REC012126Y4

		REFERENCE STANDARDS
01	**LABORATORY OF MECHANICAL TESTS**	
01:01	Shear properties of sandwich core materials	ASTM C273
01:02	Flatwise tensile strength of sandwich constructions	ASTM C297
01:03	Flatwise compressive properties of sandwich cores	ASTM C365
01:04	Sandwich beam flexural and shear stiffness	ASTM D7250
01:05	Facing properties of sandwich constructions by long beam flexure	ASTM D7249
01:06	Core shear properties of sandwich constructions by beam flexure	ASTM C393
01:07	Compressive Properties of Rigid Cellular Plastics	ASTM D1621
01:08	Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics	ASTM D1623
01:09	Tensile properties of plastics	ASTM D638
01:10	Tensile Properties of Polymer Matrix Composite Materials	ASTM D3039
01:11	Compressive properties of rigid plastics	ASTM D695
01:12	Compressive Properties of Polymer Matrix Composite Materials Using a Combined Loading Compression (CLC) Test Fixture	ASTM D6641
01:13	Shear strength of plastics by punch tool	ASTM D732
01:14	In-Plane Shear Response of Polymer Matrix Composite Materials by Tensile Test of a ±45° Laminate	ASTM D3518
01:15	Shear Properties of Composite Materials by V-Notched Rail Shear Method	ASTM D7078
01:16	Flexural properties of unreinforced and reinforced plastics	ASTM D790 (A)
01:17	Short-beam strength of polymer matrix composite materials	ASTM D2344
01:18	Single lap shear adhesive joints by tension loading (FRP)	ASTM D5868
01:19	Tension testing of metallic materials	ASTM E8
01:20	Young's modulus, tangent modulus, and chord modulus	ASTM E111
01:21	Poisson's ratio at room temperature	ASTM E132
02	**LABORATORY OF THERMAL ANALYSIS TESTS**	
02:01	Glass Transition Temperature (DMA Tg) of Polymer Matrix Composites by Dynamic Mechanical Analysis (DMA)	ASTM D7028
02:02	Deflection Temperature of Plastics Under Flexural Load in the Edgewise Position by Dynamic Mechanical Analysis (DMA)	ASTM D648
02:03	Standard Test Method for Transition Temperatures and Enthalpies of Fusion and Crystallization of Polymers by Differential Scanning Calorimetry	ASTM D3418
02:04	Heat of Reaction of Thermally Reactive Materials by Differential Scanning Calorimetry	ASTM E2160

		REFERENCE STANDARDS
02:05	Linear thermal expansion of solid materials by TMA	ASTM E831
02:06	Assignment of the glass transition temperature by TMA	ASTM E1545
03	**LABORATORY OF CHEMICAL-PHYSICAL TESTS**	
03:01	Density of sandwich core materials	ASTM C271
03:02	Water absorption of core materials	ASTM C272
03:03	Measurement of thickness of sandwich cores	ASTM C366 (A)
03:04	Water absorption of plastics	ASTM D570 (A-B-C)
03:05	Gel time and peak temperature of thermosetting resins	ASTM D2471
03:06	Constituent content of composite materials	ASTM D3171 (G)
03:07	Density and Specific Gravity (Relative Density) of Plastics by Displacement	ASTM D792
03:08	Physical dimensions of solid plastics specimens	ASTM D5947 (A)
03:09	Specular gloss	ASTM D523
03:10	Abrasion resistance of coatings by the taber abraser	ASTM D4060
03:11	Pull-off strength of coatings by portable adhesion testers	ASTM D4541 (B)
03:12	Color and color-difference by tristimulus (filter) colorimetry	ASTM E1347
03:13	Scratch test (Clemen)	ISO 1518

General conditions for the recognition:

a) The initial conditions verified by RINA at the time of the assessment are to be maintained

b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessment

c) RINA personnel are to be allowed to witness during the performances of activities, upon their request

d) The activities are to be carried out in compliance with RINA Rules and /or other applicable Rules

e) Laboratory recognized to perform tests on composite material samples relevant only to vessel intended to be classed by RINA.

Ancona, 22/04/2026

Paolo Usmiani

Italy Yachting Principal Surveyor