Certificate No: LR22121515TA
Issue Date: 22/04/2023
Expiry Date: 21/04/2028

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**Valsir S.p.A.**
Address	Loc. Merlaro 2, Vestone Bs, 25078, Italy
Place of Production	Valsir S.p.A. Loc. Merlaro 2, Vestone Bs, 25078, Italy
Place of Production	Valsir SpA Via della Ferriera, 1, Vobarno (BS), 25079, Italy
Type	Plastic Pipes
Description	HDPE
Application	Marine applications for heating and sanitary systems.
Specified Standard	Lloyd's Register's Rules and Regulations for the Classification of Ships.
Ratings	Outside Diameter(mm): 32 to125 Temperature Range (°C): -40 to 95 Nominal InternalPressure (bar): Atmospheric Nominal External Pressure (bar): 1 (up to 63mm diameter)

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Fabrizio Cadenaro

Lead Technical Specialist - Alternative Fuels to Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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Other Conditions Pipes are to be selected and installed inaccordance with the manufacturer's instructions and recommendations.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: 03/00043(E3)

The Design Appraisal Document LR22121515DA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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