Certificate No: LR2401212TA
Issue Date: 10/12/2023
Expiry Date: 09/12/2028

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	**Seri Plast S.p.A.**
Address	Strada Provinciale per Gioia, San Potito Sannitico, 81016, Italy
Place of Production	Seri Plast S.p.A. Via caduti del Lavoro 9/A, Pioltello (MI), 20096, Italy
Type	Multilayer Pipe Systems
Description	Polypropylene multilayer drainage system, comprising tubes and fittings assembled with socket joints
Trade Name	BlowPower & BluePower Vacuum
Application	Non-essential marine piping systems, including air pipes within water tanks located in closed spaces and not passing through watertight bulkheads
Specified Standard	Lloyd's Register's Rules and Regulations for the Classification of Ships; EN 1451-1:1998 – Plastic piping systems for soil and waste discharge (low and high temperature) within the building structure – polypropylene
Ratings	**BluePower** Outside diameter (mm): 40 to 200 Pressure rating: Atmospheric Temperature range (°C): 0 to 95

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Mattia Macri

Engineering Piping– Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

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BluePower Vacuum
Outside diameter (mm): 40, 50, 75, 90 & 110
Pressure rating: Atmospheric
Max. vacuum (barg): -0.85
Temperature range (°C): 0 to 95

Other Conditions Pipes and fittings are to be selected and installed in accordance with the manufacturer's 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: 08/00050 (E4)

The Design Appraisal Document LR2401212DA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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