Certificate No: LR22434823TA
Issue Date: 23/10/2022
Expiry Date: 22/10/2027

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
Type	Plastic Pipes
Description	Multilayer plastic pipes and fittings having socket and spigot joints
Trade Name	TRIPLUS
Application	Gravity and vacuum sewage and drain system and not essential services
Specified Standard	Lloyd's Register Rules and Regulations for the Classification of Ships UNI EN 1451-1 Plastic piping systems for soil and waste discharges UNI CEN/TS 1451-2 Plastic piping systems for soil and waste discharges ASTM D635 - Standard test method for rate of burning
Ratings	Nominal diameter (mm): 32 to 250 Fluid temperature range (°C): 0 to 95 Ambient temperature range (°C): -25 to 95 Nominal external pressure (bar): -0.8 (vacuum)

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

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Other Conditions

Pipes are to be selected and installed in accordance with the manufacture's instructions and recommendations.

The pipes are not to be installed in compartments that could become flooded in systems that are required to remain operational in case of flooding damage, as per Regulation II-1/8-1 of SOLAS 1974 Convention, as amended, or for any pipes that would allow progressive flooding to other compartments through damaged piping.

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: 17-00094-02

The Design Appraisal Document LR22434823DA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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