Certificate No: LR25238839TA
Issue Date: 10/09/2025
Expiry Date: 09/09/2030

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	**Geberit International AG**
Address	Schachenstr. 77, Jona, 8645, Switzerland
Place of Production	GEBERIT FABRICATION S.A. Route Jo Siffert 38, Zone Industrielle 3, Givisiez, 1762, Switzerland
Type	Plastic Pipes
Description	Thermoplastic, plastic pipes, comprising an inner layer of PE-RT Type II polyethylene, a middle layer welded aluminium pipe and outer layer of PE-RT Type II polyethylene. TYPES: Geberit Mepla Systempipe ML (PE-RT Type II/AL/PE-RT Type II, outer layer black); Geberit MeplaTherm (PE-RT Type II / AL PE-RT Type II, outer layer white)
Trade Name	Geberit Mepla Systempipe ML, Geberit MeplaTherm
Application	Non-essential Class III piping systems, hot and cold domestic water, vent and sounding pipes for tanks containing non-combustible liquids on board ships and offshore installations, where fire endurance is not a requirement, according to the Rules, Part 5, Chapter 12, Table 12.5.1.

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Torsten Schroeder
Engineering - Piping/ Decarbonisation -
Senior Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

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Specified Standard

ISO 21003-2 and 21003-5,
LR Rules and Regulations for the Classification of Ships, 2025.

Ratings

Pipe diameter:
Mepla PE-RT: 16, 20, 26, 32, 40, 50, 63 & 75 mm
MeplaTherm: 16, 20 & 26mm
Max. allowable operating pressure:
Geberit Mepla Systempipe ML: 10 bar
MeplaTherm: 6 bar
Temperature range for freshwater / sea water t = 70°C
Temperature range for closed water heating t = 80°C

Other Conditions

Pipes and fittings are to be selected and installed in accordance with the manufacturer's recommendations.
RESTRICTIONS: The use of plastic pipes may be restricted by statutory requirements of the National Authority of the country in which the ship is to be registered.

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: LR2105315TA, (previous 15/20093)

The Design Appraisal Document TSO/25-036524, (previous HTS/ENS 33282-15, Issue 1) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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