

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	IVT GmbH & Co KG
Address	Gewerbering Nord 5, 91189 Rohr, Germany
Type	Plastic Pipes
Description	Thermoplastic pipes (PE-Xb & PE-Xc) and fittings TYPE PRINETO Stabil (PE-Xc with aluminium foil and protective coating, colour: white) PRINETO Stabil (PE-Xb with aluminium foil and protective coating, colour: white) PRINETO PE-Xb, colour black PRINETO PE-Xb with protective coating of EVOH, colour: red
Trade Name	PRINETO
Application	Potable and wash water piping system on board ships where fire endurance tests, flame spread, toxicity and smoke generation test according IMO resolution A.753 is not require
Specified Standard	Lloyd's Register Rules and Regulation for the Classification of Ships, July 2019, DVGW-Standard 534, DIN 16892 / DIN 16893

71 Fenchurch Street, London, EC3M 4BS, UK

Torsten Schroeder

Senior Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

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Ratings

Size range : DN 8 – DN 32 [12x2,0; 14x2,0; 16x2,2; 20x2,8; 25x3,5; 32x4,4]
Maximum design pressure: 10 bar
Temperature range: 0°C up to 85 °C
Fitting : CW617N, CW724R or PPSU
Bushings: CuZn39Pb3, CuZn39Pb3 nickel plated

Other Conditions

Installation of the piping system is to be carried out in accordance with the manufacturer's instructions and specifications

LIMITATIONS: 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.

The Design Appraisal Document No. HMD 14689-05, Issue No. 3 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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