



Lloyd's
Register

Type Approval Certificate

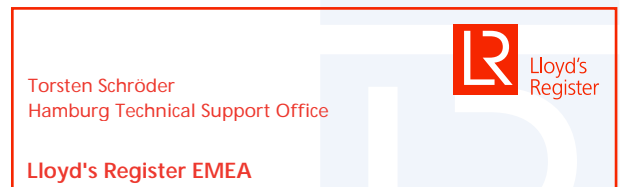
This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

This certificate is issued to:

PRODUCER	TECE GmbH Hollefeldstrasse 57 48282 Emsdetten Germany	
PLACES OF PRODUCTION	TECE GmbH Hollefeldstrasse 57 48282 Emsdetten Germany	Multilayer Pipe Company Sp.z.o.o. Pecz 59 PL-57-100 Strzelin Poland
TYPE	TECElogo – Multilayer Pipe System	
DESCRIPTION	PE-Xc/AL/PE-RT or PE-RT/AL/PE-RT pipes, fitting material PPSU ,CC499K , CW602N and CC752S; push fit system (by hand without special fitting tools)	
APPLICATION	Non-essential Class III piping systems, hot and cold domestic water on board ships and offshore installations in, where fire endurance is not a requirement, according to the Rules, Part 5, Chapter 12, Table 12.5.3.	
RATINGS	Size Range: 16 to 63 mm OD Nominal Pressure: 10 bar Max. Working Temperature: 95°C	
STANDARD	Drinking water approval according to DVGW – W 534 EN ISO 21003:2008 Table 1 (Appl. class 2: hot water supply/10 bar and Application class 5: High-temperature radiators/6 bar) LR Rules and Regulations for the Classification of Ships, 2014.	

Certificate No.	15/20051
Issue Date	17 June 2015
Expiry Date	16 June 2020
Sheet	1 of 2

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS



LR031.1.2013.12

Torsten Schröder
Hamburg Technical Support Office
Lloyd's Register EMEA

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**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."

The Design Appraisal Document No. HTS/ENS 32805-15 dated 17.06.2015 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No. 15/20051
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Sheet 2 of 2

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