



# Type Approval Certificate

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

Certificate No. 47 813 - 03 HH

Company Wefatherm GmbH

Adolf-Oesterheld-Straße 28  
31515 Wunstorf, GERMANY

Product Description THERMOPLASTIC PIPES AND FITTINGS

Type WEFATHERM PIPE SYSTEM PP-R

Environmental Category None

Technical Data /  
Range of Application TECHNICAL DATA

Pipes: Wefatherm pipe Wefatherm stabi-pipe Wefatherm fibre pipe  
PN / SDR: PN 20 / SDR 6 PN20 / SDR 6 PN 16 / SDR 7,4  
Fittings: PN 25  
Sizes: up to 125 [mm] O.D.  
M.A.W.T.: up to 95 [°C]

The permissible service pressure as a function of the medium temperature according to DIN 8077:2007-05, DIN 8078:2007-05 and DIN EN ISO 15874-1,2,3:2003

RANGE OF APPLICATION  
Refer to page 2

Test Standard VI-7-8 Test Requirements for Components and Systems of Mechanical Engineering and Offshore Technology: 2008, except fire endurance, flame spread, toxicity, and smoke generation test.

Documents

- Product test reports dated 2003-09-26 and 2007-11-26
- WEFATHERM pipe System PP-R, technical Manual 81709, 09/07
- Safety Data Sheets for materials
- Inspection reports issued by SKZ, 2013

Remarks For the use on passenger vessels national regulations may have to be observed.

Valid until 2018-10-20

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File No. II.C.04

Hamburg, 2013-09-16

Type Approval Symbol



Germanischer Lloyd

*Hanspeter Raschle*  
Hanspeter Raschle

*Hagen Markus*  
Hagen Markus

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## RANGE of APPLICATION / INSTALLATION

The WEFATHERM PP\_R Pipe system is type approved for the use in non-essential freshwater systems, sanitary piping systems and sewage piping systems installed in tanks, void spaces, pipe tunnels, ducts and further locations where a fire endurance test is not required.

Refer to GL Rules I-1-2 Machinery Installations, Section 11 – Table 11.1a.

Within accommodation, service and control spaces the piping system is to be installed behind B class or fully closed C class ceilings and linings.

For installation the instructions of the manufacturer and GL Rules I-1-2 Machinery Installation Section 11 are to be observed as applicable.

Through watertight bulkheads and fire divisions GL type approved pipe penetrations are to be used.

## Production place

Wefatherm GmbH  
Adolf-Oesterheld-Str. 28  
31515 Wunstorf

Valid until **2018-10-20**

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