Application/Limitation

The aquatherm PP-R piping systems are type approved for application in piping systems as listed in the table below.

Approved installation locations where 0" is specified, appropriate footnotes are to be observed.

Not approved for installation locations where "NA" or "X" is indicated and not approved for installation in gas hazardous area.

References, Rules Pt.4 Ch.6, Section 2 – 1.7 Plastic pipes "Table 1- Fire endurance requirements matrix" and para. 1.7.6 (non-essential systems)

	Example of piping systems			
22	Potable hot and cold water¹ and bunkerlines. Grey and black water, hot water heating, Potable water treatment systems (Osmosis and Evaporation)			
	Chilled water and cooling water of air condition systems			
ers				
24	Black and grey water including wastewater treatment and discharge lines to shore			
25				
26	Sounding and air pipes of water tanks and dry spaces, cofferdams			
19	Piping systems of Ballast Water Management Systems (BWMS) ²			
12, 13, 14, 15, 16, 17, 18	Bilge main and branches, Fire main and water spray, Foam Systems, Sprinkler system, Ballast water systems, Cooling water, Tank cleaning services fixed machines			
29				
30				
32				
	24 25 26 19 12, 13, 14, 15, 16, 17, 18			

Notes

¹ aquatherm green pipe only

O PA	O O Ballast water tanks	Cofferdams, void spaces, I pipe tunnel and ducts	Accommodation service A and control spaces	K Sylven decks
Enel oil tanks O AN O O O O O O O O O O O O O	O S O O Ballast water tanks	Cofferdams, void spaces,	Accommodation service x B and control spaces	Open decks
O NA NA NA O	0 0 NA 0	0 0	NA X	L1
NA NA NA O	0 NA 0	0	Х	
NA NA NA O	0 NA 0	0	Х	
NA NA NA O	0 NA 0	0	Х	
NA NA 0	NA 0	0	-	L1
NA 0	0	<u> </u>	L1W	1
0		0		L1W
	0		L3	L3
NA		0	L2W	L2W
	0	0	NA	L2W
NA	0	0	NA	L3 ²⁾
0	0	0	0	0
0	0	0	L3	L3
NA	NA	0	0	0
0	0	0	0	0
		1		1
0	0	0	0	0
0	0	0	0	0
0	0	0	0 ¹⁾⁸⁾	0
		,	,	
0	0	0	0	0
0	0 10)	0	Х	Х
		1 -	5)	5
0	0	0	L1 37	L1 ⁵⁾
0	0	0	0	0
NA	NA ———	0	0	0
0	0	0	0 9)	0 ⁹⁾
NA	NA	0	0	0
NA	NA	NA	11)	NA
	NI A	0	L3 ^{11),} 12)	1
	NA 0 0 0 0 0 NA 0 NA NA	NA NA 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	NA NA O O O O O O O O O O O O O O O O O O O	NA NA O O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 NA NA NA 0