

Declaration of Performance

According to Regulation (EU) No. 305/2011 (CPR)


No. 1124 / LXC 1

1. Steel discharge pipes (pipes, fittings and seals for pipe joints) of longitudinally welded stainless steel pipes with spigot and socket for waste water systems (Annex 1).
2. Products shown in the Annex with marking „LORO“.
3. Discharge of domestic waste water, surface water and groundwater in systems, which usually are operating under gravity with or without pressure. Used with technically optimized roof drainage systems for gravity-flow or siphonic-flow, different components are assembled as a kit by one manufacturer (LORO).
4. LOROWERK K.H.Vahlbrauk GmbH & Co KG
Kriegerweg 1
D-37581 Bad Gandersheim
Tel. 0049 5382-710
www.loro.de infocenter@lorowerk.de
5. Same as 4.
6. System 4.
7. Factory production control / determination of the product-type by type testing and product documentation.
8. Not applicable.
9. Declared performance:

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	no contribution to fire, no test required	EN 1124-1:1999+A1:2004, clause 13
Dimensional tolerances	pass	EN 1124-1:1999+A1:2004, clause 5
Longitudinal bending strength	pass	EN 1124-1:1999+A1:2004, clause 16
Tightness: gas and liquid	pass	EN 1124-1:1999+A1:2004, clauses 6.6, 7.3, 7.4 and 7.5
Durability	no test required	EN 1124-1:1999+A1:2004, clause 14

10. The performance of the products identified in points 1 and 2 are in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



 J. Marten (General manager)



 P. Stachowiak (Authorized representative)

Bad Gandersheim, 2013-6-26

Annex 1 to Declaration of Performance No.1124 / LXC 1 : List of Products (Article-No.)

4.1401050C	5.1005125C	5.340.150C	5.230.GF0C	4.8061125C
4.1401070C	5.1005150C	5.350.050C	5.250.BA0C	00805.040X
4.1401100C	4.1001050C	5.350.070C	5.250.CA0C	00805.050X
4.1401125C	4.1001070C	5.350.080C	5.250.CB0C	00805.070X
4.1401150C	4.1001100C	5.350.100C	5.250.MB0C	00805.080X
4.1401200C	4.1001125C	5.352.050C	5.250.MC0C	00805.100X
5.1401040C	4.1001150C	5.352.070C	5.250.DB0C	00805.125X
5.1401050C	4.1001200C	5.352.080C	5.250.DC0C	00805.150X
5.1401070C	5.1001040C	5.352.100C	5.250.DM0C	09112.040X
5.1401080C	5.1001050C	5.500.040C	5.250.EB0C	09112.050X
5.1401100C	5.1001070C	5.500.050C	5.250.EC0C	09112.070X
5.1401125C	5.1001080C	5.500.070C	5.250.ED0C	09112.080X
5.1401150C	5.1001100C	5.500.080C	5.250.FD0C	09112.100X
5.1401200C	5.1001125C	5.500.100C	5.250.FE0C	09112.125X
4.1301050C	5.1001150C	4.200.CC0C	5.250.GF0C	09112.150X
4.1301070C	5.1001200C	4.200.DD0C	5.550.050C	09114.050X
4.1301100C	4.300.050C	4.200.EE0C	5.550.070C	09114.070X
4.1301125C	4.300.070C	4.200.FF0C	5.550.080C	09114.080X
4.1301150C	4.300.100C	4.200.GG0C	5.550.100C	09114.100X
4.1301200C	4.300.125C	4.210.BB0C	5.550.125C	09114.125X
5.1301040C	4.300.150C	4.210.CC0C	5.550.150C	09114.150X
5.1301050C	4.300.200C	4.210.DD0C	5.550.200C	00911.040X
5.1301070C	4.310.050C	4.210.EE0C	5.560.040C	00911.050X
5.1301080C	4.310.070C	4.210.FF0C	5.560.050C	00911.070X
5.1301100C	4.310.100C	4.220.BB0C	5.560.070C	00911.080X
5.1301125C	4.310.125C	4.220.CC0C	5.560.080C	00911.100X
5.1301150C	4.310.150C	4.220.DD0C	5.560.100C	00911.125X
5.1301200C	4.320.050C	4.220.EE0C	5.560.125C	00911.150X
4.1201050C	4.320.070C	4.220.FF0C	5.560.150C	09111.070X
4.1201070C	4.320.100C	4.220.GG0C	5.560.200C	09111.080X
4.1201100C	4.320.125C	4.230.CB0C	5.624.070C	09111.100X
4.1201125C	4.320.150C	4.230.DB0C	5.625.080C	09111.125X
4.1201150C	4.320.200C	4.230.DC0C	5.630.100C	09111.150X
5.1201040C	4.330.050C	4.230.EB0C	5.600.DE0C	4.973.040C
5.1201050C	4.330.070C	4.230.EC0C	5.600.EF0C	4.973.050C
5.1201070C	4.330.100C	4.230.ED0C	5.642.125C	4.973.070C
5.1201080C	4.330.125C	4.230.FD0C	5.600.DF0C	4.975.080C
5.1201100C	4.330.150C	4.230.FE0C	5.710.070C	4.975.100C
5.1201125C	4.340.050C	4.250.CB0C	5.710.080C	4.977.125C
5.1201150C	4.340.070C	4.250.DB0C	5.710.100C	4.977.150C
5.1201200C	4.340.100C	4.250.DC0C	09152.050X	4.972.050C
4.1111050C	4.340.125C	4.250.EB0C	09446.125X	4.972.070C
4.1111070C	4.340.150C	4.250.EC0C	5.750.070C	4.974.080C
4.1111100C	5.300.040C	4.250.ED0C	5.750.100C	4.974.100C
4.1111125C	5.300.050C	4.250.FD0C	5.600.AB0C	4.976.125C
4.1111150C	5.300.070C	4.250.FE0C	5.600.BC0C	4.976.150C
4.1111200C	5.300.080C	5.200.AA0C	5.600.BD0C	4.9601080C
5.1111040C	5.300.100C	5.200.BB0C	5.600.CD0C	4.9601100C
5.1111050C	5.300.125C	5.200.CC0C	5.600.CM0C	4.9601120C
5.1111070C	5.300.150C	5.200.DD0C	5.600.DE0C	4.9602080C
5.1111080C	5.300.200C	5.200.EE0C	5.600.DF0C	4.9602100C
5.1111100C	5.310.040C	5.200.FF0C	5.600.EF0C	4.9602120C
5.1111125C	5.310.050C	5.200.GG0C	5.600.FG0C	4.9602150C
5.1111150C	5.310.070C	5.200.MM0C	5.600.MD0C	4.9603100C
5.1111200C	5.310.080C	5.210.AA0C	4.810.050C	4.9603120C
4.1101050C	5.310.100C	5.210.BB0C	4.810.070C	4.9604100C
4.1101070C	5.310.125C	5.210.CC0C	4.810.100C	4.9604120C
4.1101100C	5.310.150C	5.210.DD0C	4.810.125C	4.9612080C
4.1101125C	5.320.040C	5.210.EE0C	4.810.150C	4.9612100C
4.1101150C	5.320.050C	5.210.FF0C	4.810.200C	4.9612120C
4.1101200C	5.320.070C	5.210.MM0C	5.810.040C	4.9622100C
5.1101040C	5.320.080C	5.220.AA0C	5.810.050C	4.9622120C
5.1101050C	5.320.100C	5.220.BB0C	5.810.070C	
5.1101070C	5.320.125C	5.220.CC0C	5.810.080C	
5.1101080C	5.320.150C	5.220.DD0C	5.810.100C	
5.1101100C	5.320.200C	5.220.EE0C	5.810.125C	
5.1101125C	5.330.040C	5.220.FF0C	5.810.150C	
5.1101150C	5.330.050C	5.220.GG0C	5.810.200C	
5.1101200C	5.330.070C	5.220.MM0C	4.806.040C	
4.1005050C	5.330.080C	5.230.BA0C	4.806.050C	
4.1005070C	5.330.100C	5.230.CA0C	4.806.070C	
4.1005100C	5.330.125C	5.230.CB0C	4.806.080C	
4.1005125C	5.330.150C	5.230.DB0C	4.806.100C	
4.1005150C	5.340.040C	5.230.DC0C	4.806.125C	
5.1005040C	5.340.050C	5.230.DM0C	4.8061040C	
5.1005050C	5.340.070C	5.230.EC0C	4.8061050C	
5.1005070C	5.340.080C	5.230.ED0C	4.8061070C	
5.1005080C	5.340.100C	5.230.FD0C	4.8061080C	
5.1005100C	5.340.125C	5.230.FE0C	4.8061100C	

Other articles, that are not mentioned explicitly in the standard, are produced compatible to the LORO-X system according to EN 1124-3 , 6.