

Declaration of Performance

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

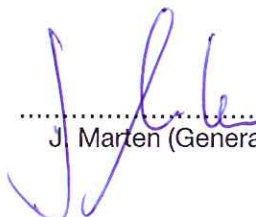
No. 1123 / LX 1

1. Steel discharge pipes (pipes, fittings and seals for pipe joints) of longitudinally welded hot-dip galvanized steel pipes with spigot and socket for waste water systems (Annex 1).
2. Products shown in the Annex with marking „LORO“ (Annex 2).
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 1123-1:1999+A1:2004, clause 13
Dimensional tolerances	pass	EN 1123-1:1999+A1:2004, clause 5
Longitudinal bending strength	pass	EN 1123-1:1999+A1:2004, clause 16
Tightness: gas and liquid	pass	EN 1123-1:1999+A1:2004, clauses 6.6, 7.3, 7.4 and 7.5
Durability	no test required	EN 1123-1:1999+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.1123 / LX 1 : List of Products (Article-No.)

01401.032X	01001.200X	00340.032X	00250.BLOX	00600.DE0X	00550.150X
01401.040X	01011.050X	00340.040X	00250.CA0X	00600.DFOX	00550.200X
01401.050X	01011.070X	00340.050X	00250.CB0X	00600.EF0X	00553.100X
01401.070X	01011.080X	00340.070X	00250.DA0X	00670.200X	00553.125X
01401.080X	01011.100X	00340.080X	00250.DB0X	00670.125X	00553.150X
01401.100X	01011.125X	00340.100X	00250.DC0X	00670.150X	00553.200X
01401.125X	01011.150X	00340.125X	00250.DM0X	00600.AB0X	00806.032X
01401.150X	01011.200X	00340.150X	00250.EA0X	00600.AC0X	00806.040X
01401.200X	01013.070X	00340.200X	00250.EB0X	00600.BC0X	00806.050X
01301.032X	01013.080X	00350.040X	00250.EC0X	00600.BD0X	00806.070X
01301.040X	01013.100X	00350.050X	00250.ED0X	00600.CD0X	00806.080X
01301.050X	01013.125X	00350.070X	00250.FC0X	00600.CE0X	00806.100X
01301.070X	01013.150X	00350.080X	00250.FD0X	00600.CM0X	00806.125X
01301.080X	01014.070X	00352.040X	00250.FE0X	00600.DE0X	08061.040X
01301.100X	01014.080X	00352.050X	00250.GC0X	00600.DFOX	08061.050X
01301.125X	01014.100X	00352.070X	00250.GD0X	00600.DG0X	08061.070X
01301.150X	01014.125X	00352.100X	00250.GE0X	00600.EF0X	08061.080X
01301.200X	01014.150X	00380.050X	00250.GF0X	00600.EG0X	08061.100X
01201.032X	00140.040X	00380.070X	00250.MB0X	00600.FG0X	08061.125X
01201.040X	00140.050X	00380.080X	00250.MC0X	00600.LA0X	08070.050X
01201.050X	00140.070X	00380.100X	00260.CBBX	00600.MD0X	08070.070X
01201.070X	00130.040X	00380.125X	00260.DBBX	00603.AB0X	08070.080X
01201.080X	00130.050X	00390.050X	00260.DCCX	00603.AC0X	08070.100X
01201.100X	00130.070X	00390.070X	00260.FEEX	00603.BC0X	08070.125X
01201.125X	00130.100X	00390.080X	00280.CBBX	00603.BD0X	00800.040X
01201.150X	00110.040X	00390.100X	00280.DBBX	00603.CD0X	00800.050X
01201.200X	00110.050X	00390.125X	00280.DCCX	00603.CM0X	00800.070X
01211.040X	00110.070X	00400.050X	00280.EDDX	00603.DE0X	00800.080X
01211.050X	00110.080X	00400.070X	00280.FDDX	00603.EF0X	00800.100X
01211.070X	00110.100X	00400.080X	00280.FEEX	00603.FG0X	00800.125X
01211.080X	00120.040X	00400.100X	00261.CBBX	00603.LA0X	00800.150X
01211.100X	00120.050X	00400.125X	00261.DCCX	00603.LB0X	00800.200X
01211.125X	00120.070X	00200.BB0X	00281.CBBX	00603.MD0X	08001.040X
01211.150X	00120.080X	00200.CC0X	00281.DCCX	00601.AB0X	08001.050X
01211.200X	00120.100X	00200.DD0X	00231.BABX	00601.BC0X	08001.070X
01111.032X	00121.040X	00200.EE0X	00231.CABX	00601.BD0X	08001.080X
01111.040X	00121.050X	00200.FF0X	00231.CBBX	00601.CD0X	08001.100X
01111.050X	00121.070X	00200.GG0X	00251.BABX	00601.CE0X	08001.125X
01111.070X	00121.080X	00200.LL0X	00251.CABX	00601.CM0X	08001.150X
01111.080X	00121.100X	00200.MM0X	00251.CBBX	00601.DE0X	08001.200X
01111.100X	00100.040X	00210.AA0X	00500.040X	00601.DFOX	00805.040X
01111.125X	00100.050X	00210.BB0X	00500.050X	00601.EF0X	00805.050X
01111.150X	00100.070X	00210.CC0X	00500.070X	00601.FG0X	00805.070X
01111.200X	00100.080X	00210.DD0X	00500.080X	00601.MD0X	00805.080X
01101.032X	00100.100X	00210.EE0X	00500.100X	00604.BC0X	00805.100X
01101.040X	00300.032X	00210.FF0X	00501.BA0X	00604.BD0X	00805.125X
01101.050X	00300.040X	00210.GG0X	00501.CB0X	00604.CD0X	00805.150X
01101.070X	00300.050X	00220.AA0X	00510.040X	00604.DE0X	00911.032X
01101.080X	00300.070X	00220.BB0X	00510.050X	00560.0400	00911.040X
01101.1000	00300.080X	00220.CC0X	00512.BBBX	00560.040X	00911.050X
01101.100X	00300.100X	00220.DD0X	00504.040X	00560.0500	00911.070X
01101.125X	00300.125X	00220.EE0X	00504.050X	00560.050X	00911.080X
01101.150X	00300.150X	00220.FF0X	00710.050X	00560.070X	00911.100X
01101.200X	00300.200X	00220.GG0X	00710.070X	00560.080X	00911.125X
01004.040X	00310.040X	00220.LL0X	00710.080X	00560.100X	00911.150X
01004.050X	00310.050X	00220.MM0X	00710.100X	00560.125X	00911.200X
01004.070X	00310.070X	00230.BA0X	00712.070X	00560.150X	00913.040X
01004.080X	00310.080X	00230.CA0X	00750.070X	00560.200X	00913.050X
01004.100X	00310.100X	00230.CB0X	00750.100X	00810.040X	00914.040X
01004.125X	00310.125X	00230.DA0X	00612.050X	00810.050X	00914.050X
01004.150X	00310.150X	00230.DB0X	00630.050X	00810.070X	00915.050X
01004.200X	00310.200X	00230.DC0X	00622.070X	00810.080X	00918.040X
01002.050X	00320.032X	00230.DM0X	00630.070X	00810.100X	00918.050X
01002.070X	00320.040X	00230.EB0X	00630.080X	00810.125X	00918.070X
01002.100X	00320.050X	00230.EC0X	00630.100X	00810.150X	00922.040X
01005.050X	00320.070X	00230.ED0X	00642.100X	00810.200X	00922.050X
01005.070X	00320.080X	00230.FC0X	00600.DF0X	04373.070X	00922.070X
01005.080X	00320.100X	00230.FD0X	00642.125X	04373.100X	00922.100X
01005.100X	00320.125X	00230.FE0X	00600.EF0X	04375.070X	00922.125X
01005.125X	00320.150X	00230.GE0X	00672.150X	04375.100X	00924.040X
01003.050X	00320.200X	00230.GF0X	00672.200X	00430.070X	00924.050X
01003.070X	00330.032X	00230.MB0X	00615.050X	00430.100X	00924.070X
01003.100X	00330.040X	00230.MC0X	00610.050X	04374.070X	00924.100X
01001.040X	00330.050X	00240.BA0X	00630.050X	04374.100X	00933.100X
01001.050X	00330.070X	00240.CB0X	00620.070X	00550.040X	00937.100X
01001.070X	00330.080X	00240.DB0X	00624.070X	00550.050X	00944.125X
01001.080X	00330.100X	00240.DC0X	00630.070X	00550.070X	
01001.100X	00330.125X	00240.MC0X	00625.080X	00550.080X	
01001.125X	00330.150X	00250.AL0X	00630.080X	00550.100X	
01001.150X	00330.200X	00250.BA0X	00630.100X	00550.125X	

Other articles, that are not mentioned explicitly in the standard,
are produced compatible to the LORO-X system according to EN 1123-2 , 5.10.



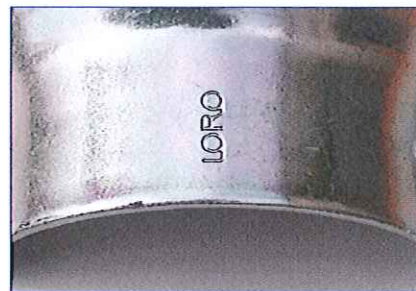
LORO-X pipes and fittings
marking in longitudinal direction
every 30cm.



LORO-X sealing elements



LORO-X pipe clips



LORO-X anchor clips