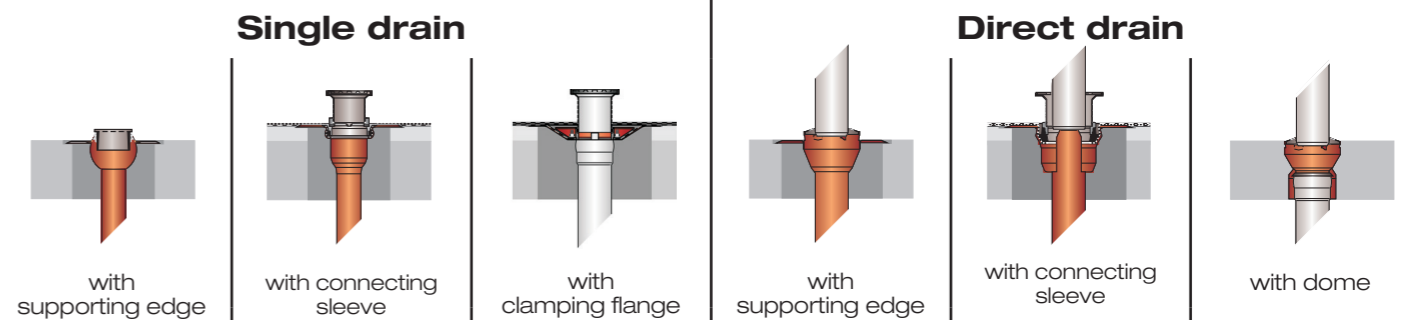


LORO-X Balcony drainage systems

Complete systems consisting of drains and pipes for new constructions and renovation



LORO-X Balcony drainage systems are fire rated R90 as a complete system with the certificate number:
AbP.-No. P-MPA-E-09-010



Basic set-up		Balcony covering		Single drain			Direct drain		
	Without roofing sheets	Asphalt / screed finish		Series A			Series G/J		
		tiles in mortar bedding		Series B/BE			Series G		
	With roofing sheets Without thermal insulation	supported slabs			Series E/F	Series K		Series H	
		slabs/tiles in mortar bedding			Series F	Series Ks		Series H	
		tiles in granular bedding			Series F	Series K		Series H	
	With roofing sheets With thermal insulation	supported slabs			Series E/F	Series K		Series H	
		slabs/tiles in mortar bedding			Series F	Series K		Series H	
		tiles in granular bedding			Series F	Series K		Series H	
	With roofing sheets - Inverted roof -	supported slabs			Series F	Series K			
		tiles in granular bedding			Series F	Series K			
	With liquid sealing	Liquid plastic floor surface		Series GF			Series GF/J		
		adhered to slabs/tiles			Series FF			Series HF	
	Waterproof concrete	Without additional covering							Series I/IV/IK/GS

Series	A	B	BE	E	F	FF	K		G	GF	H	HF	I und IV	GS	J													
LX-No.	LX919	LX923	LX927	LX923	LX927	LX939	LX941	LX962	LX964	LX970	LX972	LX1058	LX1060	LX989	LX991	LX993	LX989	LX991	LX993	LX904	LX1072	LX977	LX978	LX989	LX991	LX993	LX1049	LX1050
DN	50	50	70	50	70	50	70	50	70	50	70	50	70	50	70	100	50	70	100	70	100	70	100	50	70	100	70	100
I/s*	1,2	2,73	2,17	2,73	2,17	1,7	1,7	1,05	1,0	2,45	1,85	1,3	1,3	1,25	1,71	2,9	1,25	1,71	2,9	1,65	2,1	2,13	1,87	1,25	1,71	2,9	0,7	0,96
R 60	-	-	-	R 90 **	R 90 **	R 90	-		R 90	R 90	R 90 **	R 90								R 90	R 90	R 90	R 90	R 90	R 90	R 60	-	-

* at a nominal water level of 35 mm

** For drains with thermal insulation, please use the fire protection version.

System Overview

LORO-X
Balcony Drainage Systems,
DN 70 and DN 100, Series V

LORO-X balcony drainage systems are fire rated R 60 and R 90 as a complete system with the certificate number:

AbP.-No. P-MPA-E-09-010

Building Shell

- 
Formwork Mushroom
No. 18110.070X
No. 18110.100X
- 
Base Body
No 21210.070X
No 21210.100X
- 
Sliding Formwork Dome
No. 18104.070X
No. 18104.100X
- 
Thermal Insulation
No. 18108.070X
No. 18108.100X



Final Construction	Balcony Sealing with Liquid Plastic												Balcony Sealing with Sealing Sheets																			
	Series V-FL with bonding flange				Series V-AK with up edged bonding flange in wall areas				Series V-AK with up edged bonding flange in room corners				Series V-KL with clamping flange																			
	without covering		with covering		without covering		with covering		without covering		with covering		without covering		with covering																	
Pipe Penetration	without	with	without	without	with	with	without	with	without	without	with	with	without	with	without	without	with	with	without	with	without	without	with	with								
Strainer Form																																
Set up elements for balconies without thermal insulation	Series V-FL 		Series V-FL 		Series V-FL 		Series V-AK 		Series V-AK 		Series V-AK 		Series V-AK 		Series V-AK 		Series V-AK 		Series V-KL 		Series V-KL 		Series V-KL 									
Extension Units + Set Up Elements for balconies with thermal insulation	Series V-FL 		Series V-FL 		Series V-FL 		Series V-AK 		Series V-AK 		Series V-AK 		Series V-AK 		Series V-AK 		Series V-AK 		Series V-KL 		Series V-KL 		Series V-KL 									
DN	70	100	70	100	70	100	70	100	70	100	70	100	70	100	70	100	70	100	70	100	70	100	70	100								
LX-No.	1221	2164	1222	2165	1223	2166	1224	2167	1225	2168	1226	2169	1227	2170	1228	2171	1225	2168	1226	2169	1227	2170	1228	2171	1229	2172	1230	2173	1231	2174	1232	2175
Discharge rate l/s	1,8	2,6	1,3	1,21	1,8	3,6	1,7	2,6	1,8	2,5	1,3	1,23	1,8	3,2	1,7	2,63	1,8	2,5	1,3	1,23	1,8	3,2	1,7	2,63	1,8	2,9	1,3	1,41	1,8	3,6	1,7	2,9

Attention: Please order downpipes and strainer units separately.

* At a nominal water level of 35 mm on the balcony.