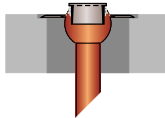
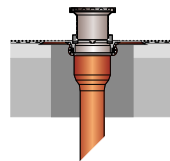
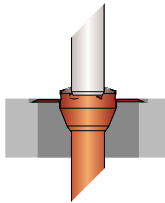
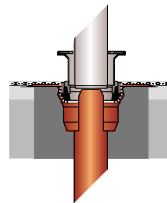
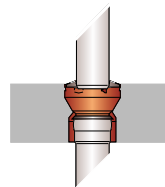


LORO-X Balcony drainage systems														Single drain												Direct drain																	
Complete systems consisting of drains and pipes for new constructions and renovation														 with supporting edge			 with connecting sleeve			 with clamping flange			 with supporting edge			 with connecting sleeve			 with dome														
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														Series A			Series B/BE			Series G/J			Series G																				
Without roofing sheets																																											
Asphalt / screed finish																																											
tiles in mortar bedding																																											
supported slabs																	Series E/F			Series K						Series H																	
With roofing sheets Without thermal insulation																				Series F			Serie Ks						Series H														
slabs/tiles in mortar bedding																																											
tiles in granular bedding																				Series F			Series K						Series H														
supported slabs																				Series E/F			Series K						Series H														
With roofing sheets With thermal insulation																				Series F			Series K						Series H														
slabs/tiles in mortar bedding																																											
tiles in granular bedding																				Series F			Series K						Series H														
supported slabs																				Series F			Series K																				
With roofing sheets - Inverted roof -																																											
tiles in granular bedding																				Series F			Series K																				
Liquid plastic floor surface																	Series GF						Series GF/J																				
With liquid sealing																													Series HF														
adhered to slabs/tiles																				Series FF																							
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 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 50, 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. 18110.050X
No. 18110.070X
Nr. 18110.100X



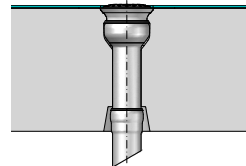
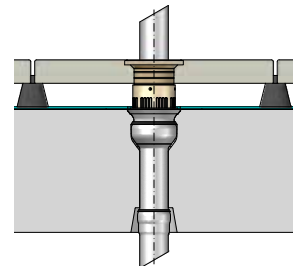
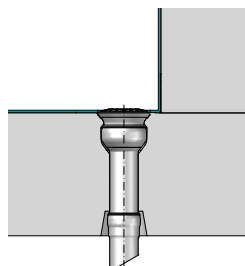
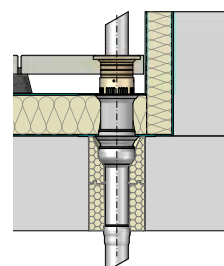
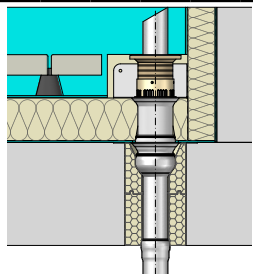
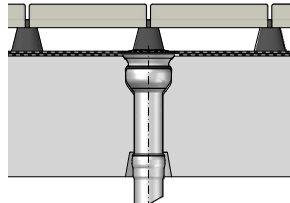
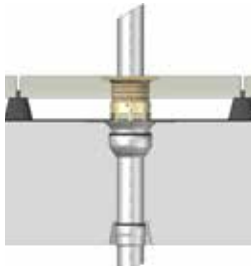
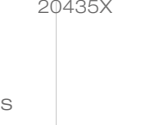
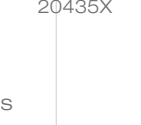
Base Body
No. 21210.050X
No. 21210.070X
No. 21210.100X



**Sliding
Formwork Dome**
No. 18104.050X
No. 18104.070X
No. 18104.100X



**Thermal
Insulation**
No. 18108.050X
No. 18108.070X
No. 18108.100X

NEW Drainage Systems, and DN 100, Discharge systems are R 90 as a complete Certificate number: V-E-09-010	Balcony Sealing with Liquid Plastic															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																											
																																																
Final Construction	without covering					with covering					without covering					with covering					without covering					with covering					without covering					with covering												
Pipe Penetration	without		with			without		with			without		with			without		with			without		with			without		with			without		with															
Strainer Form																																																
Set up elements for balconies without thermal insulation																																																
Etageneinsätze Extension Units + Set Up Elements for balconies with thermal insulation																																																
DN	50	70	100	50	70	100	50	70	100	50	70	100	50	70	100	50	70	100	50	70	100	50	70	100	50	70	100	50	70	100	50	70	100	50	70	100												
LX-No.	2266	1221	2164	2267	1222	2165	2258	2259	2166	2260	2261	2167	2270	1225	2168	2271	1226	2169	2272	1227	2170	2273	1228	2171	2274	1229	2172	2275	1230	2173	2268	2277	2174	2269	2276	2175												
Discharge rate l/s	1,35 l/s*	1,8 l/s*	2,6 l/s*	0,94 l/s*	1,3 l/s*	1,21 l/s*	1,24 l/s*	2,6 l/s*	3,6 l/s*	0,7 l/s*	1,7 l/s*	2,6 l/s*	1,2 l/s*	1,8 l/s*	2,5 l/s*	0,88 l/s*	1,3 l/s*	1,23 l/s*	1,17 l/s*	2,4 l/s*	3,2 l/s*	0,8 l/s*	1,65 l/s*	2,63 l/s*	1,2 l/s*	1,8 l/s*	2,5 l/s*	0,88 l/s*	1,3 l/s*	1,23 l/s*	1,17 l/s*	2,4 l/s*	3,2 l/s*	0,8 l/s*	1,65 l/s*	2,63 l/s*	1,23 l/s*	1,8 l/s*	2,9 l/s*	0,96 l/s*	1,3 l/s*	1,41 l/s*	1,37 l/s*	2,4 l/s*	3,6 l/s*	0,82 l/s*	1,65 l/s*	2,9 l/s*

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