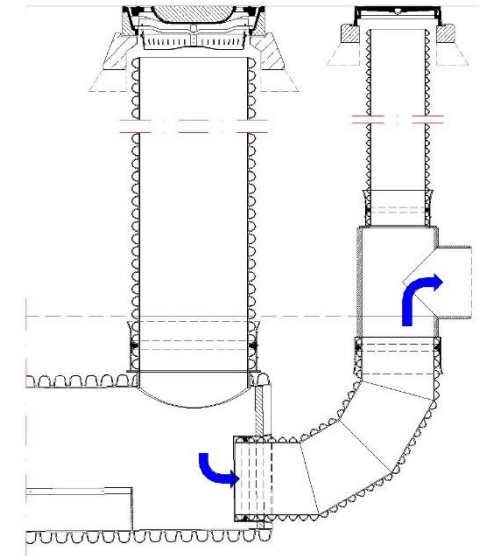


Stormwater management

Stormwater treatment



FRÄNKISCHE



III.: SediPipe 800 target segment with outlet


SediPipe® 800

Stormwater treatment system

Underground treatment system for polluted stormwater; system consisting of start and target segment DN 800 including lower flow separator and – depending on the length – with additional sedimentation pipe DN 800 including lower flow separator.
 Inlet and outlet on the same level, inlet can be rotated 360°, flow direction can be adjusted to a desired angle between 90° and 270° on site.

Technical data	
Application:	For the treatment of polluted stormwater runoff for large areas of up to max. 10.15 ha according to DWA-M 153 and up to max. 26.67 ha according to DWA-A 102-2/BWK-A 3
Material / raw material:	PP (polypropylene)
Specification:	Systems for stormwater treatment according to DWA-M 153 types D 21, D 24 or D 25 Specifically developed verification procedure acc. to Section 6.1.3.4 DWA-A 102-2/BWK-A 3-2, (residence time method) Verifications by HTWK Leipzig, ifs Hannover, LGA Würzburg, IKT Gelsenkirchen, TAUW / TU Delft, FH Münster
Operating principle:	Sedimentation of coarse and fine particles in the long and tubular sedimentation chamber; the lower flow separator prevents remobilisation of the deposited particles during heavy rainfalls, additional protection against spills during dry weather, with temporary storage of light liquids in the target segment



System types: (line 1)	800/12	800/16	800/18	800/20	800/22	800/24	800/26	800/28	800/30
Total length of the system: [m] (line 1)	12.94	16.91	18.81	20.88	22.78	24.67	26.74	28.64	30.54
System types: (line 2)	800/32	800/34	800/36	800/38	800/40	800/42	800/44	800/46	800/48
Total length of the system: [m] (line 2)	32.61	34.51	36.41	38.48	40.38	42.28	44.35	46.25	48.15
Outside diameter D_o sedimentation pipe [mm]	927								
Inside diameter D_i sedimentation pipe [mm]	789								
Nominal diameter of start segment and target seg- ment	DN 800								
Connection DN inlet/outlet:	Connection set DN 400: Solid-wall pipe connection inlet/outlet DN/OD 400 Connection set with additional connection at the inlet: Solid-wall connection inlet 2x DN/OD 315 and 1x DN/OD 400, outlet DN/OD 400								
Miscellaneous:	For planning details, see CAD drawings Installation according to "SediPipe 800" installation and maintenance manual						 www.fraenkische.com		