

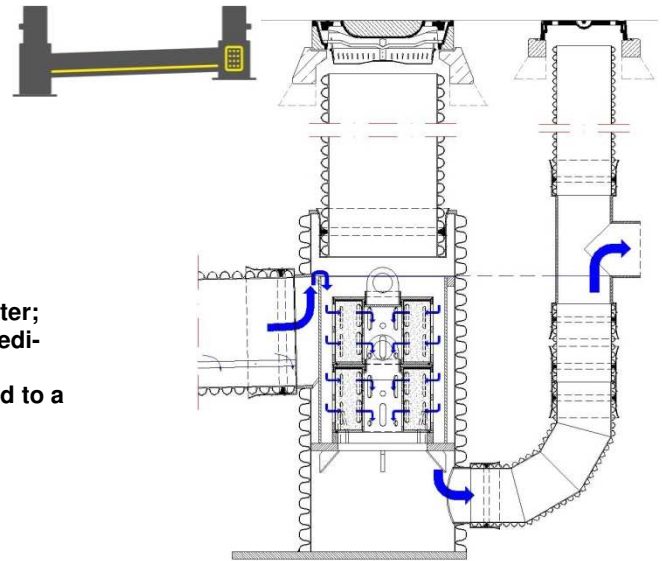
# Stormwater management

## Stormwater treatment

### SediSubstrator® L

#### Stormwater treatment system

Underground treatment system for polluted stormwater; system consisting of start and target shaft DN 800, sedimentation path DN 600 with lower flow separator. Inlet straight (180°), the flow direction can be adjusted to a desired angle between 90° and 270° on site.



III.: SediSubstrator L 600/12 target shaft with outlet

#### Technical data

Application:	For the treatment of highly polluted stormwater runoff for areas of up to max. 3,000 m².				
Material / raw material:	Start shaft/target shaft/ sedimentation path: PP (polypropylene) Adsorption substrate: SediSorp plus				
Specification:	Systems for stormwater treatment, according to DWA M 153 types D 11 Verified by LGA Würzburg, DIBt approval Z-84.2-20				
Operating principle:	<b>Treatment step 1:</b> Sedimentation in the long and tubular sedimentation chamber; the flow separator prevents remobilisation of the deposited particles during heavy rainfalls. <b>Treatment step 2:</b> Adsorption of dissolved pollutants using substrate; the SediSorp plus substrate binds dissolved pollutants and verifiably prevents remobilisation due to pre-wetted salt influence!				
System types:	600/6	600/12	600/18	600/24	600/12+12
Outside diameter D <sub>O</sub> sedimentation pipe [mm]	685	685	685	685	685
Inside diameter D <sub>I</sub> sedimentation pipe [mm]	596	596	596	596	596
Total length of the system (+ outlet): [m]	7.96 (+0.96)	13.98 (+0.96)	20.03 (+0.96)	26.08 (+0.96)	27.03 (+0.96)
Nominal diameter of start shaft and target shaft	Shaft bottom: DN 800 Inlet set/outlet set: DN 600				
Connection DN inlet / outlet:	Connection set DN 315: Solid-wall pipe connection inlet/outlet DN/OD 315				
Miscellaneous:	For planning details, see CAD drawings Installation and spare parts for SediSubstrator L cartridge elements according to "SediSubstrator L installation and maintenance manual"				



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