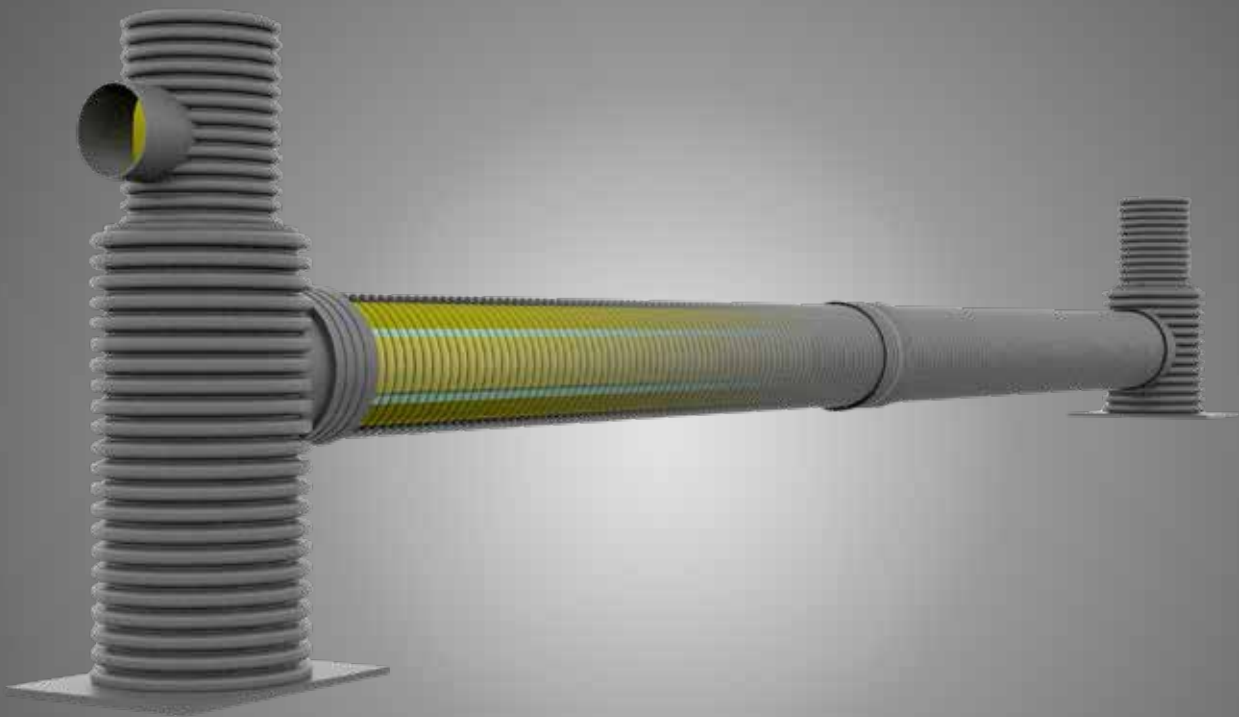


Product flyer

# SediPipe® L | SediPipe® L plus | SediSubstrator® L

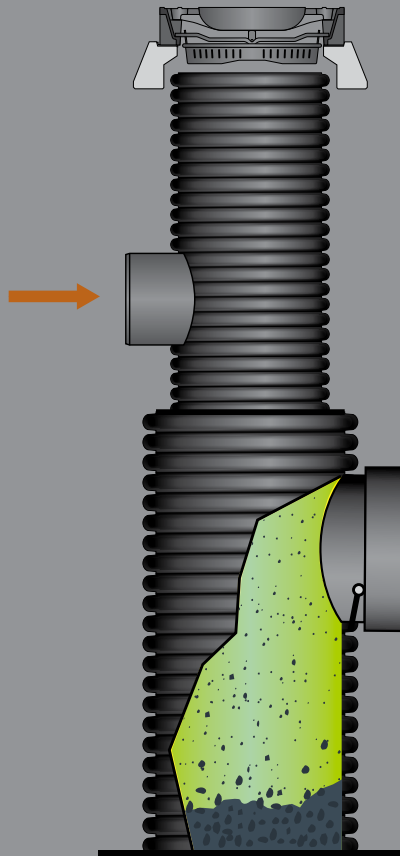


Stormwater treatment systems

# Stormwater treatment systems

## Start shaft

as mud collector



## Retention of coarse particles



Coarse dirt particles settle already in the start shaft. The start shaft acts as a mud collector.

## Sedimentation path

with flow separator



Treatment performance proven by the following independent institutes

TÜV  
Rheinland  
LGA

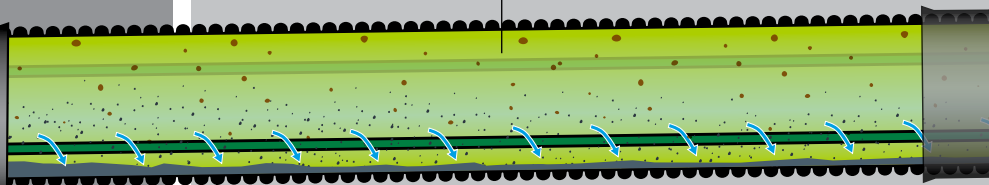
TAUW &  
TU Delft

IKT

IFS  
Hannover

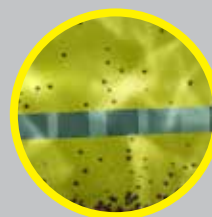
HTWK  
IWS

Upper flow separator for  
SediPipe L plus systems only



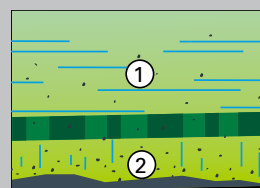
## Flow separator (bottom)

## Optimised sedimentation process of fine particles



The stretched and narrow sedimentation chamber reduces the time and distance until particles settle, and causes flow harmonisation. Both factors together prevent turbulences and thus ensure an optimal sedimentation process.

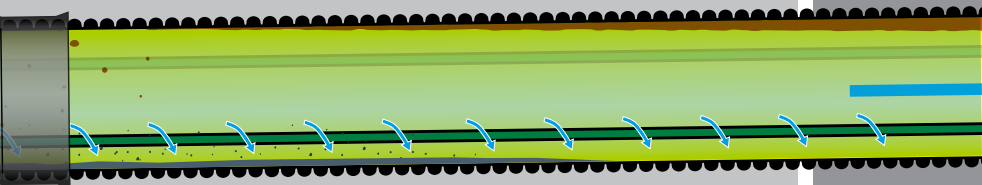
## Sediment control



① harmonised plug flow  
② controlled sediment

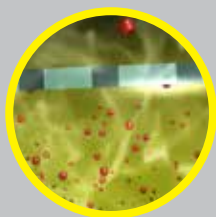
The patented flow separator technology creates an area with little water movement in the depot, thus preventing remobilisation of the sediment already settled even in case of heavy rains.

# SediPipe L<sup>®</sup> and SediPipe L plus



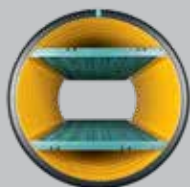
## Flow separator (top)

### Additional function with L plus systems



- Separation of light liquids in case of spills during rain or fire (fire water)
- Separation performance of a coalescence separator

### High-performance oil retention

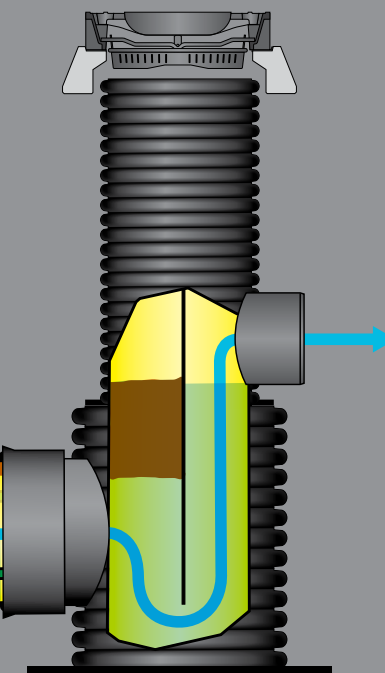


SediPipe L plus

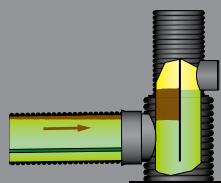
- Extra safety
- Efficient spill precaution
- Easy cleaning and quick return to service

## Target shaft

with immersion wall

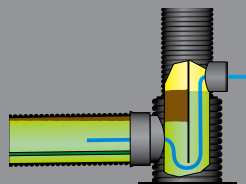


### Retention of light liquids



Due to the slight gradient of the pipe, light liquids that rise upwards in the sedimentation path enter the target shaft in which they are collected.

### Immersion wall for sediment control

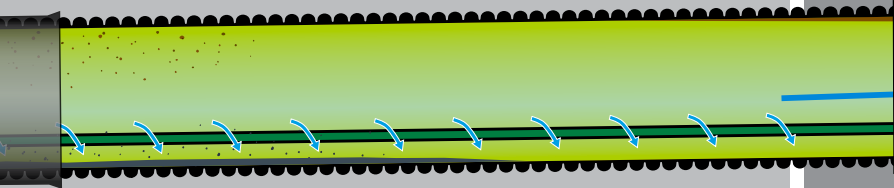


The immersion wall integrated into the target shaft controls the sediment.

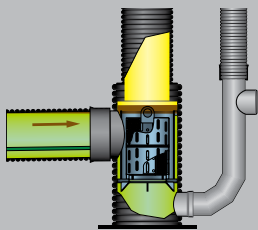
# SediSubstrator® L with substrate step

Maintenance interval

4  
years

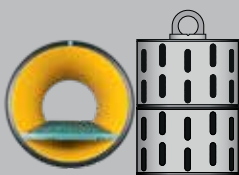


## Retention of light liquids



Due to the slight gradient of the pipe, light liquids that rise upwards in the sedimentation path enter the target shaft in which they are collected.

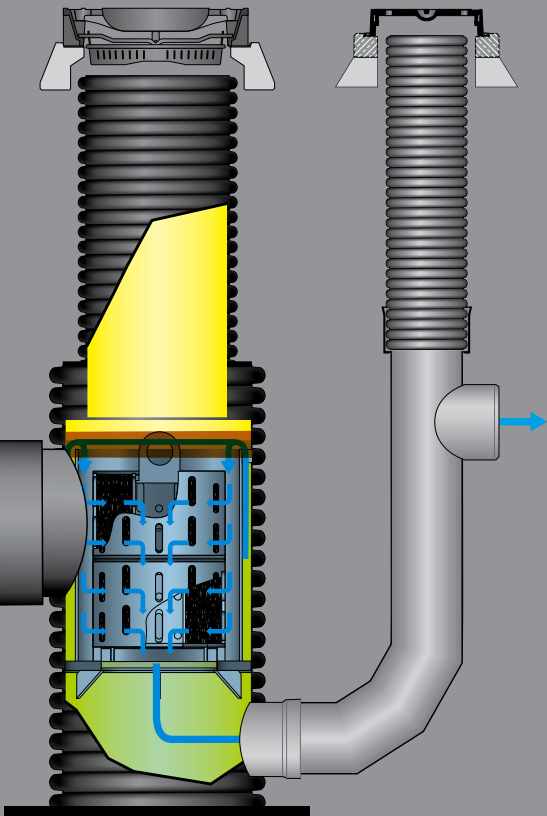
## Highly efficient – the 2-step principle



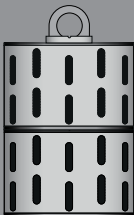
All particles are already retained in the sedimentation path. Only dissolved pollutants arrive in the substrate filter. This excludes the risk of blockages.

## Target shaft

with substrate filter unit



## Adsorption of dissolved pollutants and oils



The SediSorp plus used in the substrate filter unit efficiently binds dissolved heavy metals and light liquids.

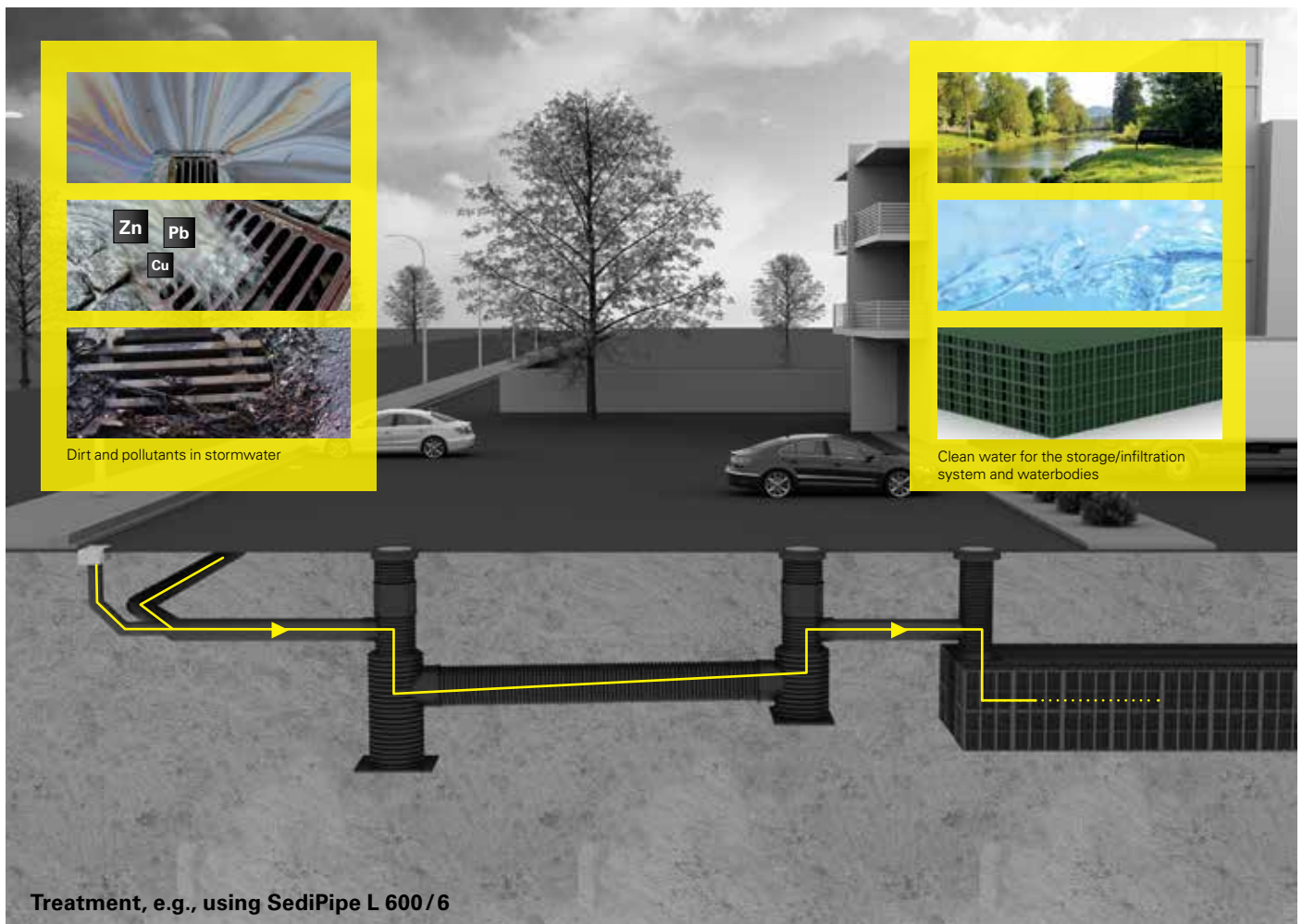
# Benefits at a glance

## SediPipe L & SediPipe L plus

- Proven treatment performance and sediment control
- For small to very large collection areas
- Space-saving arrangement on the channel route under existing media
- Quick and easy installation of a pre-fabricated system with low weight
- Greatest flexibility because depth and connection angle can be adjusted on site
- Retrofitting of existing systems
- Easy cleaning using common sewer cleaning technology

## SediSubstrator L

- DIBt approved
- No risks of blockages of the substrate cartridge
- Wet salt-resistant
- Easy maintenance with conventional sewer cleaning equipment every 4 years
- Space-saving arrangement on the channel route, under existing media
- Quick and easy installation of a pre-fabricated system with low weight
- Greatest flexibility because depth and outlet angle can be adjusted on site











# SediPipe L

## with one flow separator

The new SediPipe L gets the traditional SediPipe operating principle down to the pat. The slim and long design with flow separator has proven its worth over decades of permanent

operation. The treatment performance has been substantiated and certified by different independent testing institutes.









Pollution	Retention of ...	Traffic load	Applications
 heavy	<ul style="list-style-type: none"> <li>coarse particles</li> <li>fine particles</li> <li>bound pollutants</li> <li>light liquids</li> </ul>	     	Residential and commercial areas with moderate heavy goods vehicle traffic
 Protection from spills in dry weather			

# SediPipe L plus

## with two flow separators

SediPipe L plus convinces with the same characteristics as SediPipe L. Additionally, SediPipe L plus features a second flow

separator to ensure 100 % protection for groundwater and waterbodies also in case of oil spills during rain.









Pollution	Retention of ...	Traffic load	Applications
 very heavy	<ul style="list-style-type: none"> <li>coarse particles</li> <li>fine particles</li> <li>bound pollutants</li> <li>light liquids</li> </ul>	     	Residential and commercial areas with moderate heavy goods vehicle traffic
 Protection from spills in dry weather and during rain			

# SediSubstrator L

## with flow separator and substrate filter unit

SediSubstrator L works like SediPipe but additionally features a downstream substrate filter unit which filters heavy metals from

surface water. SediSubstrator L is the system of choice for areas with a high volume of heavy goods vehicle traffic.

Pollution	Retention of ...	Traffic load	Applications
 extreme	<ul style="list-style-type: none"> <li>coarse particles</li> <li>fine particles</li> <li>bound pollutants</li> <li>light liquids</li> <li>dissolved pollutants</li> </ul>	     	Residential and commercial areas with moderate heavy goods vehicle traffic
 Protection from spills in dry weather and during rain			