

Competence brochure

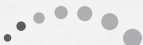
Treatment systems



For optimum treatment of polluted
stormwater using state-of-the-art technology

Product overview – Treatment systems for ..

1 **2** 3 4

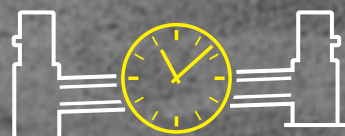
	Shafts		Tubular systems		
Product	RigoClean with strainer	SediPoint with flow separator	SediPipe level with 1 flow separator	SediPipe L with 1 flow separator	SediPipe XL with 1 flow separator
Illustration					
Treatment performance					
Functional principle	Filtering	Sedimentation	Sedimentation	Sedimentation	Sedimentation
Application					
Degree of pollution	☹☹☹	☹☹☹	☹☹☹	☹☹☹	☹☹☹
Typical characteristics	Protects storage/ infiltration systems against pollution	Flow separator operating principle for confined spaces	Bottom-aligned connections	Freely adjustable angles and installation depths	1000' shafts Pre-assembled customer-specifically
Dimensioning acc. to DWA-M 153: Max. connectable area	1,000 m ²	3,650 m ²	23,350 m ²	44,450 m ²	44,450 m ²
according to DWA-A 102-2/ BWK-A 3-2		Performance verification and dimensioning acc. to DWA-A 102-2/ BWK-A 3-2	Performance verification and dimensioning acc. to DWA-A 102-2/ BWK-A 3-2	Performance verification and dimensioning acc. to DWA-A 102-2/ BWK-A 3-2	Performance verification and dimensioning acc. to DWA-A 102-2/ BWK-A 3-2
Maintenance interval	1 year	2 years	1–4 years (depending on system type and connected area)	1–4 years (depending on system type and connected area)	1–4 years (depending on system type and connected area)
Proof		■ LGA Würzburg ■ IKT Gelsenkirchen	■ HTWK Leipzig ■ ifs Hannover ■ LGA Würzburg ■ IKT Gelsenkirchen ■ TAUW/TU Delft	■ HTWK Leipzig ■ ifs Hannover ■ LGA Würzburg ■ IKT Gelsenkirchen ■ TAUW/TU Delft	■ HTWK Leipzig ■ ifs Hannover ■ LGA Würzburg ■ IKT Gelsenkirchen ■ TAUW/TU Delft

DWA-A 102-2 compliant

... polluted stormwater treatment

1 2 3 4

			Tubular systems with substrate step		
SediPipe 800 with 1 flow separator	SediPipe L plus with 2 flow separators	SediPipe XL plus with 2 flow separators	SediSubstrator basic with 1 flow separator and substrate filter unit	SediSubstrator L with 1 flow separator and substrate filter unit DIBt-approved	SediSubstrator XL with 1 flow separator and substrate filter unit DIBt-approved
Sedimentation	Sedimentation Oil separation	Sedimentation Oil separation	Sedimentation Oil separation Adsorption	Sedimentation Oil separation Adsorption	Sedimentation Oil separation Adsorption
Allows angles or changes of direction	Oil separation performance in case of spills during rain	Oil separation performance in case of spills during rain	Outlet can be integrated in the storage/infiltration system	DIBt-approved stormwater treatment	DIBt-approved stormwater treatment
101,500 m ²	44,450 m ²	44,450 m ²	940 m ²	3,000 m ²	3,000 m ²
Performance verification and dimensioning acc. to DWA-A 102-2/ BWK-A 3-2	Performance verification and dimensioning acc. to DWA-A 102-2/ BWK-A 3-2	Performance verification and dimensioning acc. to DWA-A 102-2/ BWK-A 3-2	Performance verification and dimensioning acc. to DWA-A 102-2/ BWK-A 3-2	Performance verification and dimensioning acc. to DWA-A 102-2/ BWK-A 3-2	Performance verification and dimensioning acc. to DWA-A 102-2/ BWK-A 3-2
1–4 years (depending on system type and connected area)	1–4 years (depending on system type and connected area)	1–4 years (depending on system type and connected area)	4 years	4 years	4 years
- HTWK Leipzig - ifs Hannover - LGA Würzburg - IKT Gelsenkirchen - TAUW/TU Delft	- HTWK Leipzig - ifs Hannover - LGA Würzburg - IKT Gelsenkirchen - TAUW/TU Delft	- HTWK Leipzig - ifs Hannover - LGA Würzburg - IKT Gelsenkirchen - TAUW/TU Delft	ifs Hannover	LGA Würzburg	LGA Würzburg



Up-to-date treatment of polluted stormwater

www.fraenkische.com/stormwater-treatment





1
TRANSPORT

2
TREATMENT

3
STORAGE

4
DISCHARGE

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FRÄNKISCHE

FRÄNKISCHE Rohrwerke Gebr. Kirchner GmbH & Co. KG | Hellinger Str. 1 | 97486 Königsberg/Germany
Phone +49 9525 88-2200 | Fax +49 9525 88-92200 | marketing@fraenkische.de | www.fraenkische.com

EN.90105/3.12.22 | Subject to change without notice | Cat. no. 5000-0591-00X | 12/2022 [DE.90084/4.07.22]

