FRÄNKISCHE

Technical data

Operating log

Stormwater treatment

Drainage Systems
www.fraenkische.com

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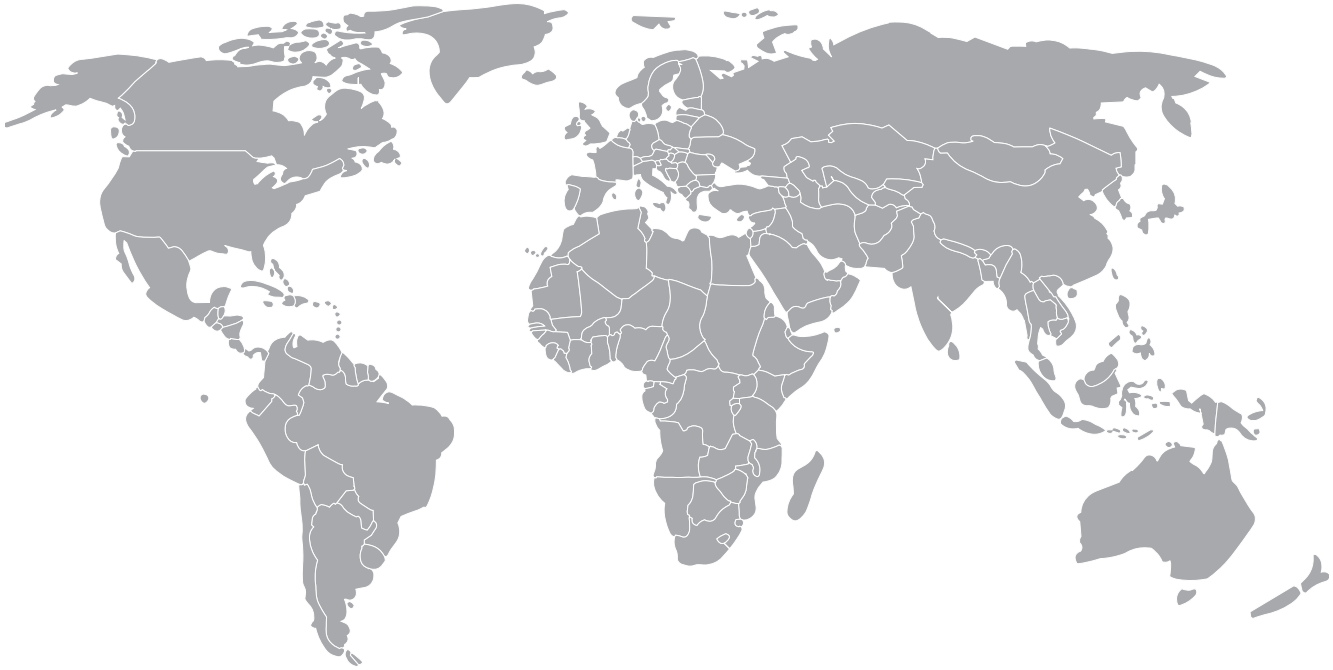

Technical specifications and system code

Please obtain the required information from the delivery note.

System code

Cat. no.

Year of installation

Serial number

Permanent water level volume[1)]

Collecting volume of light liquids[1)]

Collecting volume of the mud chamber[1)]

[1)]Please obtain the volume values from the installation and maintenance manual.

Location of system

Date of commissioning

Contact information

Operator of system

Company _____

Street/No. _____

Post code, city _____

Contact _____

Phone _____

Maintenance contract with

Company _____

Street/No. _____

Post code, city _____

Contact _____

Phone _____

Designer / architect

Company _____

Street/No. _____

Post code, city _____

Contact _____

Phone _____

Relevant authority

Authority / department _____

Street/No. _____

Post code, city _____

Contact _____

Phone _____

Overview of service requirement / intervals (manufacturer's specification)

Acceptance inspection by expert

Product	Point in time or time interval
SediSubstrator XL	Before first commissioning
SediSubstrator L	
SediSubstrator basic	

Self-inspection through operator

Product	Point in time or time interval
SediSubstrator XL	Every 3 months
SediSubstrator L	
SediSubstrator basic	
SediPipe XL plus	
SediPipe L plus	
SediPipe XL	
SediPipe L	
SediPipe level	
SediPipe basic	
SediPoint	
RigoClean	

Maintenance / disposal by specialist

Product	Point in time or time interval
SediSubstrator XL	After oil spill, otherwise every 4 years
SediSubstrator L	
SediSubstrator basic	
SediPipe XL plus	After oil spill, otherwise see guiding values in the maintenance manual
SediPipe L plus	
SediPipe XL	
SediPipe L	
SediPipe level	
SediPipe basic	
SediPoint	Every 2 years
RigoClean	Every year

Inspection by expert

Product	Point in time or time interval
SediSubstrator XL	Every 5 years
SediSubstrator L	
SediSubstrator basic	

SediSubstrator® basic / L / XL

	Who	What	When	Documentation
Installation	Specialist	- Installation and, if necessary, cleaning and CCTV inspection of the system - Filling the system with water from water recovery or with water complying with the local discharge conditions		Declaration of conformity Operating log
Self-inspection	Operator	Simple visual inspection - Structural condition of the system - Height of the permanent water level - Mud level of the start shaft - Superficial pollution of the substrate cartridge	At least every 3 months	Operating log
Maintenance	Expert	- Emptying and cleaning of the entire system using sewer cleaning vehicle - Exchanging the substrate in the substrate cartridges - Refilling the system with water from water recovery or with water complying with the local discharge conditions	Immediately after oil spill, otherwise every 4 years	Operating log
Disposal	Specialist / waste disposal company	- Disposal of mud and solids - Disposal of substrate - Applicable waste disposal regulations must be observed.	When the retention volume has been used up, after 4 years at the latest	Operating log Disposal certificates
Verification	Expert	- Complete emptying - Cleaning of the system - Information on the place of inspection, the operator of the system with reference to the stock data, the customer, the examiner and the authority in charge - Structural condition of the stormwater treatment system - Proof of proper exchange of substrate and disposal of the removed mud - Existence and completeness of required approvals and documents (permits, drainage plans, operating and maintenance manuals, etc.) - Dimensioning, suitability and performance of the wastewater treatment system with regard to the actual volume of wastewater	Prior to commissioning, afterwards every 5 years	Test report Operating log
Repairs	Specialist	Original parts or tailored parts explicitly approved by the manufacturer may be used only.	As required	Operating log

SediPipe® basic / level / L / XL / L plus / XL plus

	Who	What	When	Documentation
Installation	Specialist	- Installation, cleaning and CCTV inspection of the system - Filling the system with water from water recovery or with water complying with the local discharge conditions		Operating log
Self-inspection	Operator	Simple visual inspection - Structural condition of the system - Height of the permanent water level - Mud level of the start shaft	At least every 3 months	Operating log
Maintenance	Specialist	- Emptying and cleaning of the entire system using sewer cleaning vehicle - Refilling the system with water from water recovery or with water complying with the local discharge conditions - Disposal of mud and solids - Applicable waste disposal regulations must be observed.	Immediately after oil spill, otherwise see guiding values in the maintenance documentation	Operating log
Disposal	Specialist / waste disposal company	- Disposal of mud and solids - Applicable waste disposal regulations must be observed.	When the retention volume has been used up	Operating log Disposal documentation
Repairs	Specialist	Original parts or tailored parts explicitly approved by the manufacturer may be used only.	As required	Operating log

SediPoint®

	Who	What	When	Documentation
Installation	Specialist	- Installation, cleaning and CCTV inspection of the system - Filling the system with water from water recovery or with water complying with the local discharge conditions		Operating log
Self-inspection	Operator	Simple visual inspection - Structural condition of the system - Height of the permanent water level - Mud level of the start shaft	At least every 3 months	Operating log
Maintenance	Specialist	- Emptying and cleaning of the entire system using sewer cleaning vehicle - Refilling the system with water from water recovery or with water complying with the local discharge conditions - Disposal of mud and solids - Applicable waste disposal regulations must be observed.	Immediately after oil spill, otherwise every 2 years	Operating log
Disposal	Specialist / waste disposal company	- Disposal of mud and solids - Applicable waste disposal regulations must be observed.	When the retention volume has been used up, after 2 years at the latest	Operating log Disposal certificates
Repairs	Specialist	Original parts or tailored parts explicitly approved by the manufacturer may be used only.	As required	Operating log

Rigo®Clean

	Who	What	When	Documentation
Installation	Specialist	- Installation, cleaning and CCTV inspection of the system - Filling the system with water from water recovery or with water complying with the local discharge conditions		Operating log
Self-inspection	Operator	Simple visual inspection - Structural condition of the system - Height of the permanent water level - Mud level of the start shaft	At least every 3 months	Operating log
Maintenance	Specialist	- Emptying and cleaning of the entire system using sewer cleaning vehicle - Refilling the system with water from water recovery or with water complying with the local discharge conditions - Disposal of mud and solids - Applicable waste disposal regulations must be observed.	Immediately after oil spill, otherwise every year	Operating log
Disposal	Specialist / waste disposal company	- Disposal of mud and solids - Applicable waste disposal regulations must be observed.	When the retention volume has been used up	Operating log Disposal certificates
Repairs	Specialist	Original parts or tailored parts explicitly approved by the manufacturer may be used only.	As required	Operating log

Installation record

Note

The following fields of the record confirm which service was performed. Please tick the respective boxes. Please observe the service requirement overview (p. 5) and the maintenance manual of the respective system. If the fields in the record include services not specified in the maintenance manual of the respective system, please ignore them.

Installation

	OK	NOK
Proper installation	☐	☐
Cleaning	☐	☐
Inspection of the system using CCTV inspection	☐	☐
Declaration of conformity	☐	☐
Proof of leak tightness	☐	☐

Remarks:

Performed by:

Accepted by:

Date:

Signatures:

Acceptance inspection record

Acceptance inspection

	OK	NOK
Complete emptying	☐	☐
Cleaning of the system	☐	☐
Information on the place of inspection, the operator of the system with reference to the stock data, the customer, the examiner and the authority in charge	☐	☐
Structural condition of the stormwater treatment system	☐	☐
Existence and completeness of required approvals and documents (permits, drainage plans, operating and maintenance manuals, etc.)	☐	☐
Dimensioning, suitability and performance of the stormwater treatment system with regard to the actual volume of wastewater	☐	☐
Inspection report / log	☐	☐

Remarks:

Performed by:

Date:

Signature:

Service record

Note

Please observe the respective system type and maintenance manual.

Self-inspection

Visual inspection of	OK	NOK
Structural condition	☐	☐
Height of the permanent water level	☐	☐
Mud level of the start shaft	☐	☐
Superficial pollution of the substrate cartridge	☐	☐

Remarks:

Performed by:

Date:

Signature:

Self-inspection

Visual inspection of	OK	NOK
Structural condition	☐	☐
Height of the permanent water level	☐	☐
Mud level of the start shaft	☐	☐
Superficial pollution of the substrate cartridge	☐	☐

Remarks:

Performed by:

Date:

Signature:

Self-inspection

Visual inspection of	OK	NOK
Structural condition	☐	☐
Height of the permanent water level	☐	☐
Mud level of the start shaft	☐	☐
Superficial pollution of the substrate cartridge	☐	☐

Remarks:

Performed by:

Date:

Signature:

Service record

Self-inspection

Visual inspection of	OK	NOK
Structural condition	☐	☐
Height of the permanent water level	☐	☐
Mud level of the start shaft	☐	☐
Superficial pollution of the substrate cartridge	☐	☐

Remarks:

Performed by:

Date:

Signature:

Maintenance

	OK	NOK
Emptying of the system	☐	☐
Cleaning of the system	☐	☐
Exchanging the substrate in the cartridge elements	☐	☐
Inspection of the system using CCTV inspection	☐	☐
Cleaning of dirt traps	☐	☐
Filling system with water up to the permanent water level	☐	☐

Remarks:

Performed by:

Date:

Signature:

Disposal

	OK	NOK
Disposal of mud and solids	☐	☐
Disposal of light liquids	☐	☐
Disposal of substrate compound	☐	☐
Disposal documentation	☐	☐

Note

Make entries on pages 24/25

Remarks:

Performed by:

Date:

Signature:

Service record

Note

Please observe the respective system type and maintenance manual.

Self-inspection

Visual inspection of	OK	NOK
Structural condition	☐	☐
Height of the permanent water level	☐	☐
Mud level of the start shaft	☐	☐
Superficial pollution of the substrate cartridge	☐	☐

Remarks:

Performed by:

Date:

Signature:

Self-inspection

Visual inspection of	OK	NOK
Structural condition	☐	☐
Height of the permanent water level	☐	☐
Mud level of the start shaft	☐	☐
Superficial pollution of the substrate cartridge	☐	☐

Remarks:

Performed by:

Date:

Signature:

Self-inspection

Visual inspection of	OK	NOK
Structural condition	☐	☐
Height of the permanent water level	☐	☐
Mud level of the start shaft	☐	☐
Superficial pollution of the substrate cartridge	☐	☐

Remarks:

Performed by:

Date:

Signature:

Service record

Self-inspection

Visual inspection of	OK	NOK
Structural condition	☐	☐
Height of the permanent water level	☐	☐
Mud level of the start shaft	☐	☐
Superficial pollution of the substrate cartridge	☐	☐

Remarks:

Performed by:

Date:

Signature:

Maintenance

	OK	NOK
Emptying of the system	☐	☐
Cleaning of the system	☐	☐
Exchanging the substrate in the cartridge elements	☐	☐
Inspection of the system using CCTV inspection	☐	☐
Cleaning of dirt traps	☐	☐
Filling system with water up to the permanent water level	☐	☐

Remarks:

Performed by:

Date:

Signature:

Disposal

	OK	NOK
Disposal of mud and solids	☐	☐
Disposal of light liquids	☐	☐
Disposal of substrate compound	☐	☐
Disposal documentation	☐	☐

Note

Make entries on pages 24/25

Remarks:

Performed by:

Date:

Signature:

Service record

Note

Please observe the respective system type and maintenance manual.

Self-inspection

Visual inspection of	OK	NOK
Structural condition	☐	☐
Height of the permanent water level	☐	☐
Mud level of the start shaft	☐	☐
Superficial pollution of the substrate cartridge	☐	☐

Remarks:

Performed by:

Date:

Signature:

Self-inspection

Visual inspection of	OK	NOK
Structural condition	☐	☐
Height of the permanent water level	☐	☐
Mud level of the start shaft	☐	☐
Superficial pollution of the substrate cartridge	☐	☐

Remarks:

Performed by:

Date:

Signature:

Self-inspection

Visual inspection of	OK	NOK
Structural condition	☐	☐
Height of the permanent water level	☐	☐
Mud level of the start shaft	☐	☐
Superficial pollution of the substrate cartridge	☐	☐

Remarks:

Performed by:

Date:

Signature:

Service record

Self-inspection

Visual inspection of	OK	NOK
Structural condition	☐	☐
Height of the permanent water level	☐	☐
Mud level of the start shaft	☐	☐
Superficial pollution of the substrate cartridge	☐	☐

Remarks:

Performed by:

Date:

Signature:

Maintenance

	OK	NOK
Emptying of the system	☐	☐
Cleaning of the system	☐	☐
Exchanging the substrate in the cartridge elements	☐	☐
Inspection of the system using CCTV inspection	☐	☐
Cleaning of dirt traps	☐	☐
Filling system with water up to the permanent water level	☐	☐

Remarks:

Performed by:

Date:

Signature:

Disposal

	OK	NOK
Disposal of mud and solids	☐	☐
Disposal of light liquids	☐	☐
Disposal of substrate compound	☐	☐
Disposal documentation	☐	☐

Note

Make entries on pages 24/25

Remarks:

Performed by:

Date:

Signature:

Service record

Note

Please observe the respective system type and maintenance manual.

Self-inspection

Visual inspection of	OK	NOK
Structural condition	☐	☐
Height of the permanent water level	☐	☐
Mud level of the start shaft	☐	☐
Superficial pollution of the substrate cartridge	☐	☐

Remarks:

Performed by:

Date:

Signature:

Self-inspection

Visual inspection of	OK	NOK
Structural condition	☐	☐
Height of the permanent water level	☐	☐
Mud level of the start shaft	☐	☐
Superficial pollution of the substrate cartridge	☐	☐

Remarks:

Performed by:

Date:

Signature:

Self-inspection

Visual inspection of	OK	NOK
Structural condition	☐	☐
Height of the permanent water level	☐	☐
Mud level of the start shaft	☐	☐
Superficial pollution of the substrate cartridge	☐	☐

Remarks:

Performed by:

Date:

Signature:

Service record

Self-inspection

Visual inspection of	OK	NOK
Structural condition	☐	☐
Height of the permanent water level	☐	☐
Mud level of the start shaft	☐	☐
Superficial pollution of the substrate cartridge	☐	☐

Remarks:

Performed by:

Date:

Signature:

Maintenance

	OK	NOK
Emptying of the system	☐	☐
Cleaning of the system	☐	☐
Exchanging the substrate in the cartridge elements	☐	☐
Inspection of the system using CCTV inspection	☐	☐
Cleaning of dirt traps	☐	☐
Filling system with water up to the permanent water level	☐	☐

Remarks:

Performed by:

Date:

Signature:

Disposal

	OK	NOK
Disposal of mud and solids	☐	☐
Disposal of light liquids	☐	☐
Disposal of substrate compound	☐	☐
Disposal documentation	☐	☐

Note

Make entries on pages 24/25

Remarks:

Performed by:

Date:

Signature:

Service record

Note

Please observe the respective system type and maintenance manual.

Self-inspection

Visual inspection of	OK	NOK
Structural condition	☐	☐
Height of the permanent water level	☐	☐
Mud level of the start shaft	☐	☐
Superficial pollution of the substrate cartridge	☐	☐

Remarks:

Performed by:

Date:

Signature:

Self-inspection

Visual inspection of	OK	NOK
Structural condition	☐	☐
Height of the permanent water level	☐	☐
Mud level of the start shaft	☐	☐
Superficial pollution of the substrate cartridge	☐	☐

Remarks:

Performed by:

Date:

Signature:

Self-inspection

Visual inspection of	OK	NOK
Structural condition	☐	☐
Height of the permanent water level	☐	☐
Mud level of the start shaft	☐	☐
Superficial pollution of the substrate cartridge	☐	☐

Remarks:

Performed by:

Date:

Signature:

Service record

Self-inspection

Visual inspection of	OK	NOK
Structural condition	☐	☐
Height of the permanent water level	☐	☐
Mud level of the start shaft	☐	☐
Superficial pollution of the substrate cartridge	☐	☐

Remarks:

Performed by:

Date:

Signature:

Maintenance

	OK	NOK
Emptying of the system	☐	☐
Cleaning of the system	☐	☐
Exchanging the substrate in the cartridge elements	☐	☐
Inspection of the system using CCTV inspection	☐	☐
Cleaning of dirt traps	☐	☐
Filling system with water up to the permanent water level	☐	☐

Remarks:

Performed by:

Date:

Signature:

Disposal

	OK	NOK
Disposal of mud and solids	☐	☐
Disposal of light liquids	☐	☐
Disposal of substrate compound	☐	☐
Disposal documentation	☐	☐

Note

Make entries on pages 24/25

Remarks:

Performed by:

Date:

Signature:

Inspection by expert

Verification

	OK	NOK
Complete emptying	☐	☐
Cleaning of the system	☐	☐
Information on the place of inspection, the operator of the system with reference to the stock data, the customer, the examiner and the authority in charge	☐	☐
Structural condition of the stormwater treatment system	☐	☐
Proof of proper exchange of substrate and disposal of the removed mud	☐	☐
Existence and completeness of required approvals and documents (permits, drainage plans, operating and maintenance manuals, etc.)	☐	☐
Dimensioning, suitability and performance of the stormwater treatment system with regard to the actual volume of wastewater	☐	☐

Remarks:

Performed by:

Date:

Signature:

Note

The inspection concerns only SediSubstrator L and XL and SediSubstrator basic systems and is due every 5 years. We, however, recommend performing the inspection every 4 years during maintenance work.

Remarks

Special events, e.g., oil spill	Date / signature

Repairs

Original parts or tailored parts explicitly approved by the manufacturer may be used only.

Entry:

Performed by:

Date:

Signature:

Repairs

Original parts or tailored parts explicitly approved by the manufacturer may be used only.

Entry:

Performed by:

Date:

Signature:

Disposal documentation

Mud disposal

Date	Date	Date
Total volume discharged	Total volume discharged	Total volume discharged
Name and address of disposer	Name and address of disposer	Name and address of disposer
Disposal certificate no.	Disposal certificate no.	Disposal certificate no.
Waste manifest no.	Waste manifest no.	Waste manifest no.
Transfer note no.	Transfer note no.	Transfer note no.

Date	Date	Date
Total volume discharged	Total volume discharged	Total volume discharged
Name and address of disposer	Name and address of disposer	Name and address of disposer
Disposal certificate no.	Disposal certificate no.	Disposal certificate no.
Waste manifest no.	Waste manifest no.	Waste manifest no.
Transfer note no.	Transfer note no.	Transfer note no.

Disposal documentation

Light liquid disposal

Date	Date	Date
Total volume discharged	Total volume discharged	Total volume discharged
Name and address of disposer	Name and address of disposer	Name and address of disposer
Disposal certificate no.	Disposal certificate no.	Disposal certificate no.
Waste manifest no.	Waste manifest no.	Waste manifest no.
Transfer note no.	Transfer note no.	Transfer note no.

Substrate disposal

Date	Date	Date
Total volume discharged	Total volume discharged	Total volume discharged
Name and address of disposer	Name and address of disposer	Name and address of disposer
Disposal certificate no.	Disposal certificate no.	Disposal certificate no.
Waste manifest no.	Waste manifest no.	Waste manifest no.
Transfer note no.	Transfer note no.	Transfer note no.

Notes

Safety instructions

ATTENTION

Staff responsible for installation, assembly, operation, maintenance and repair must have appropriate qualifications required for this kind of work. The builder is responsible for organising in detail authority, responsibility and supervision of staff. The operational safety of the system components supplied is only guaranteed in case of proper installation and correct use. Technical threshold values must not be exceeded. Observe the accident prevention regulations and relevant standards and directives for installation, fitting, operation, maintenance and repair of systems, pipes and shafts!

This includes (in extracts):

- Accident prevention regulations
  - Construction work BGV C22 *(Bauarbeiten BGV C22)*
  - Technical wastewater systems GUV-V C5 *(Abwassertechnische Anlagen GUV-V C5)*
- Safety regulations for working in enclosed spaces of technical wastewater systems GUV-R 126 *(Sicherheitsregeln für Arbeiten in umschlossenen Räumen von abwassertechnischen Anlagen GUV-R 126)*
- Handling biological working materials in technical wastewater systems GUV-R 145 *(Umgang mit biologischen Arbeitsstoffen in abwassertechnischen Anlagen GUV-R 145)*
- Directives for working in tanks and narrow spaces BGR 117 *(Richtlinien für Arbeiten in Behältern und engen Räumen BGR 117)*
- Standards
  - Excavations and trenches – Slopes, planking and strutting, breadths of working spaces DIN 4124 *(Baugruben und Gräben-Böschungen, Verbau, Arbeitsraumbreiten)*
  - Construction and testing of drains and sewers DIN EN 1610 *(Verlegung und Prüfung von Abwasserleitungen und -kanälen)*
- Tool for safety and health protection in technical wastewater systems

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⚠ WARNING

- Hazards from gases and vapours such as risk of suffocation, risk of poisoning and risk of explosion
- Risk of falling
- Risk of drowning
- Germ pollution and wastewater with sewage
- High physical and psychic strain during work in deep, narrow and dark spaces
- And others

⚠ DANGER

Non-compliance with the operating manual may result in considerable property damage, injury or death.

⚠ CAUTION

Systems, pipes and shafts are part of an entire network. During installation, maintenance, service and repair work, always consider the entire system. Avoid work during rain. Changes or modifications may only be carried out with the agreement of the manufacturer. For safety reasons, use original spare parts and accessories approved by the manufacturer. The use of other parts voids the liability for any consequences arising therefrom.

FRÄNKISCHE

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DE.1426/02.11.19 | Subject to change without notice | Cat. no. 59913118 | 11/2019