



# RASCOLiner SL423S

## SHORT LINER SYSTEM

### SHORT LINER FOR DRAIN/SEWER REHABILITATION

Over a period of some 30 years, the short liner method has established itself as a standard trenchless repair technique for pipes, drains and sewers. It involves the precision-fitting of a reaction resin-impregnated glass-fibre mat around the internal diameter of the pipe, drain or sewer section to be rehabilitated. Over time, this method has undergone continuous improvement and refinement.

State-of-the-art resin formulations now considerably speed up the curing process. This optimized resin performance goes hand in hand with improved adhesion to the existing pipe walls. Overall, the combination of high-grade reaction resins and precision-fitted glass-fibre mats vouches for a more effective and durable repair of pipe, drain and sewer systems.

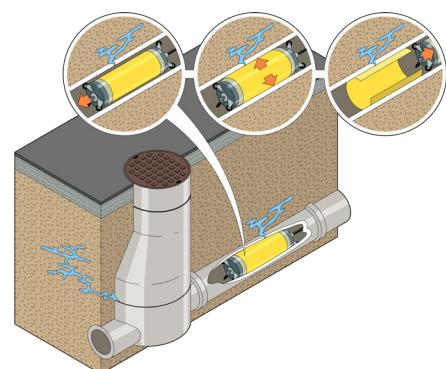
### USE

RASCOLiner SL423S is a non-foaming, elasticized 2-component resin, exhibiting good adhesion to damp surfaces, for the rehabilitation and waterproofing of drains and sewers using the short liner method.

RASCOLiner SL423S is supplied in two components. It is specially designed for use at cold temperatures (e.g. in winter). RASCOLiner SL423L, with its retarded setting time, is optimized for rehabilitation applications in warm environments (e.g. in summer). The system is also available as a 3-component resin under the name RASCOLiner SL423, which allows variable dosage of the AC component to control the setting speed.

### FEATURES

- good impregnation of glass-fibre mats or polyester nonwovens
- adheres even to damp surfaces
- non-foaming, even upon contact with water
- cures well in thin layers
- packer easy to remove
- no odour nuisance



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## TECHNICAL/PHYSICAL DATA

	A-Comp	B-Comp
Supplied form	liquid	liquid
Material colour	honey-coloured	blackish brown
Container type	canister	canister
Standard container size	10 ltr / 14,8 kg	10 ltr / 11,5 kg
Density (DIN EN ISO 2811)	1.46 kg/ltr (± 0.03)	1.15 kg/ltr (± 0.03)
Viscosity at 23 °C (DIN EN ISO 2555)	370 - 390 mPas	305 - 322 mPas
Hazardous goods/ADR	none	none
pH value	Approx. 12	n.a.
Flash point (°C)	-	> 200

## Mix

Mixing ratio (A : B)	1 : 2 (by volume)
Pot life at 15 °C	approx. 10 min
Time for placing at 15 °C	approx. 20 min
Time to packer removal at 15 °C	approx. 45 min
Application temperature	from +5 °C to +30 °C
Storage/shelf life	12 months, in original container at +10 °C to +30 °C, in dry conditions

The technical details are based on laboratory values from external and/or internal laboratory tests. These details are for information purposes only. The exact product values and their tolerances (e.g. temperature fluctuations ± 2 °C) are verified and approved on the basis of the test guidelines.

## REACTION DATA

Starting temperature	10 °C	15 °C
Pot life (spreadability) [min]	13	10
Time for placing [min]	23	20
Time to packer removal [min]	50	45

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## SUPPLY/ADDITIVES

Item no.	Product	Container	Contents
1114.1313.001	RASCOLiner SL423S A-Comp	canister	14,8 kg
1114.1321.001	RASCOLiner SL423 B-Comp	canister	11,5 kg

Other container sizes, grouting machines, equipment and accessories available on request

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## APPLICATION/PREPARATION

Thoroughly stir the A-component with double the volume of B-component for two minutes.

## GENERAL GUIDELINES / SAFETY NOTICE

Suitable protective clothing, gloves and goggles shall be worn. An eyewash bottle shall be kept at hand. For further details, please consult the safety data sheet.

## DISPOSAL

For details on how to dispose of the individual components, please consult the product safety data sheet. Cured material, in moderate quantities, may be disposed of with normal domestic waste.



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