

RASCOLiner SL423L

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.

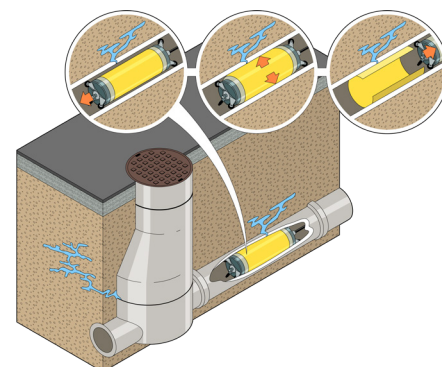
USE

RASCOLiner SL423L 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 SL423L is supplied in two components. It is specially designed for use in warm environments (e.g. in summer). RASCOLiner SL423S, with its accelerated setting time, is optimized for rehabilitation applications at lower temperatures (e.g. in winter). 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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RASCOR

RASCOR International Ltd.

Gewerbestrasse 4
CH-8162 Steinmaur / Switzerland
Phone: +41 (0)44 857 11 11
www.rascor.com
info@rascor.com

RASCOR Construction Chemicals GmbH

Wallstrasse 16
DE-40878 Ratingen/ Germany
Phone: +49 (0)2102 3076 521
www.rascor.com
germany@rascor.com

LEGAL NOTICE: The information provided on the use and application of our products in this technical data sheet is based on the present state of our knowledge. The customer shall bear sole responsibility for the proper specification, application and use of the products in line with the intended purpose, project-specific conditions and external actions. The most recent technical data sheet shall apply. The current technical data sheets are available at www.rascor.com. Our General Terms of Business shall form an integral part of this technical data sheet.

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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)	1.48 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 25 °C	approx. 12 min
Time for placing at 25 °C	approx. 23 min
Time to packer removal at 25 °C	approx. 50 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	20 °C	25 °C
Pot life (spreadability) [min] 47	27	21	12	
Time for placing [min]	60	42	32	23
Time to packer removal [min]	90	70	60	50

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SUPPLY/ADDITIVES

Item no.	Product	Container	Contents
1114.1312.001	RASCOLiner SL423L 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.

