

RASCOLiner SL623S

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.

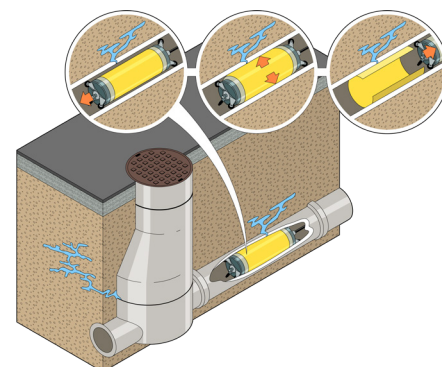
USE

RASCOLiner SL623S 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 SL623S is supplied in two components. It is specially designed for use at cold temperatures (e.g. in winter). RASCOLiner SL623L, 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 SL623, 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
Ratsgasse 6
D-97688 Bad Kissingen / Germany
Phone: +49 (0) 971 130 27 38
www.rascor.com
badkissingen@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 | 20 ltr / 29.5 kg | 20 ltr / 22.9 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 |
|---------------|--------------------------|-----------|----------|
| 1114.1113.001 | RASCOliner SL623S A-Comp | canister | 29.3 kg |
| 1114.1121.001 | RASCOliner SL623 B-Comp | canister | 23.0 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.

