

Patching Accelerator

Pipe Doctor Patch Repair

KONUDUR 250 OM-PL BESCHLEUNIGER

Product Properties

- Acceleration of the organomineral resins Konudur 250 OM-PL summer resin and winter resin
- Short stripping times of the short liner even at low temperatures
- Variable adjustable reaction times
- Optimal adaptation to the environmental conditions
- Faster and more effective work

Areas of Application

- Impregnation and fulling of E-CR fiberglass complexes during short liner rehabilitation
- Trenchless repair of defective sewers and drains
- Repair procedures for underground sewers and drains
- REACH-assessed exposure scenarios: inhalation periodically, processing, permanent water contact

Application Advice

Substrate preparation: See data sheet "General processing instructions for short liner systems".

Mixing: Depending on the desired reaction time, the Konudur 250 OM-PL accelerator is added to the A-component of the organomineral resin Konudur 250 OM-PL according to parts by mass (see table Technical Properties) and both are mixed together for 1 minute. Then the premixed A-component is carefully and homogeneously mixed with the B-component for at least 2 minutes using slow-running mechanical stirrers or suitable static mixers. Mixing by hand is not allowed.

Mixing ratio: See table Technical characteristics. Accelerator addition of 2 - 6 % (parts by mass) of the A component, depending on the desired stripping time.

Application: See data sheet "General processing instructions for short liner systems".

Curing / demoulding: For curing / demoulding, the information in the Technical Properties table must be observed.

Further information: High temperatures shorten, low temperatures lengthen all times indicated. A temperature change of 10 K causes the times mentioned to be halved or doubled. Please also refer to the data sheet "General processing instructions for short liner systems". The specific weight of Konudur 250 OM-PL accelerator is 1.01 kg / l.

Safety Instructions: Please observe the hazard warnings and safety advice on the labels and safety data sheets.

Application Advice

Technical characteristics Konudur 250 OM-PL Beschleuniger		
Addition of Konudur 250 OM-PL accelerator to Konudur 250 OM-PL winter resin component A	Strippable after*	Material hard after*
at + 11 °C material and ambient temperature and 40 % relative humidity		
2% (mass parts)	≥ 40 min	≥ 55 min
3% (mass parts)	≥ 35 min	≥ 44 min
4% (mass parts)	≥ 30 min	≥ 38 min
5% (mass parts)	≥ 27 min	≥ 35 min
6% (mass parts)	≥ 25 min	≥ 33 min
Addition of Konudur 250 OM-PL accelerator to Konudur 250 OM-PL summer resin component A	Strippable after*	Material hard after*
at + 23 °C material temperature and + 11 °C ambient temperature and 40 % relative humidity		
2% (mass parts)	≥ 40 min	≥ 45 min
3% (mass parts)	≥ 30 min	≥ 37 min
4% (mass parts)	≥ 25 min	≥ 31 min
5% (mass parts)	≥ 20 min	≥ 25 min
6% (mass parts)	≥ 15 min	≥ 19 min

* The above values are guide values and only serve as a rough estimate of the effect of the accelerator. The values depend strongly on the respective climatic conditions and material temperatures; if necessary, the values on the construction site may deviate.

Technical Values & Product Characteristics

Characteristic	Unit	Value	Comments
Equipment cleaning agent	MC-Reinigungsmittel U		
Colour shade	Beige		
Delivery form	1 l container (3 pieces / box)		
Storage	Can be stored in original sealed packages at temperatures between 5°C and 25°C in dry conditions for at least 12 months.		
Packaging disposal	Make sure single-use containers are completely empty. Ensure compliance with our information leaflet "Return of Emptied Transportation and Sale Packaging". We will be glad to send you this on request.		

Safety instructions

Please note the safety information and advice given on the packaging labels and safety data sheets.

GISCODE : PU40

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S1E Limited Specialist Suppliers of Trenchless Technology

No-dig Pipeline Repair

S1E Limited is a specialist supplier of trenchless technologies to the drainage repair industry. The company focuses on sourcing quality products for professional use. They are all tried and tested in the field to produce impressive results. S1E distributes high-quality products from market-leading manufacturers for the drainage repair industry. Products include camera inspection systems, cutting and cleaning tools, CIPP lining equipment and consumables, mechanical point repair devices, rat blockers and other site consumables.

S1E Limited is committed to being a quality supplier, with a focus on customer service. S1E is proud to be an active member of the UK Society for Trenchless Technology.

First established in 2007 as Fernco Environmental, the company's mission was to seek out repair products for the infrastructure repair and water management markets. Since 2016, it has re-focused its ranges to the specialist field of trenchless repair, with a growing portfolio in this specialist area.

The company is owned by Cooper Companies Inc, a US-based leader in the production of pipe couplings. The Group also owns companies in Canada, Mexico, Brazil, Germany and France, as well as the UK-based sister company to S1E, Fernco (previously, Flexseal).

It is accredited to ISO 9001: 2015 for its Quality Management System. It is also accredited to ISO 14001: 2015 for its Environmental Management System.



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