



Konudur 250 OM-PL Sommerharz

Organic-mineral resin for rehabilitation with short liners

Product Properties

- Low-viscosity, two-component organic-mineral resin
- Short form work times
- Good adhesion to concrete, brick and ceramics
- Can be applied to dry and moist mineral substrates

Areas of Application

- Impregnation and fulling of E-CR glass fibre for rehabilitation of short liners
- No-dig repair of defective sewer pipes and ducts
- Repair methods for underground sewer pipes and ducts
- Rehabilitation and connection of lateral ducts with hat profiles
- REACH-assessed exposure scenarios: periodical inhalation, application, long-term water-contact

Application Advice

Substrate Preparation

See the data sheet "General Application Advice for short liner systems".

Mixing

See the data sheet "General Application Advice for short liner systems". The organic-mineral resin Konudur 250 OM-PL Sommerharz consists of component A and component B. The two components must be carefully mixed to a uniform consistency using a slow-running mechanical stirrer or a suitable static mixer. Mixing by hand is not allowed. Mixing takes at least 3 minutes.

Mixing ratio

See the "Technical Data" table. The base and hardener components are supplied in packs containing proportionate amounts. Partial quantities are to be mixed in mixing ratio (p.b.v.) 1 : 2 (A : B).

Application

See the data sheet "General Application Advice for short liner systems".

Curing / release

See the data sheet "General Application Advice for short liner systems". For curing / release, see the data in the "Technical Data" table.

Application with hat profiles

Under certain conditions, Konudur 250 OM-PL winter resin can also be used for the renovation of lateral ducts by means of hat profiles. Please request our separate technical advice for this.

General Information

The stated times are shortened by high temperatures and increased by low temperatures. A 10 K temperature change doubles or halves the stated times. See also the data sheet "General Application Advice for short liner systems".

Safety Advice

Observe the hazard notices and safety advice on the labels and safety data sheets.

GISCODE: PU40



Technical Data of Konudur 250 OM-PL Sommerharz

Characteristic	Unit	Value*	Comments
Mixing ratio	p.b.v.	1 : 2	component A : component B
Specific gravity	kg/l	approx. 1.50 approx. 1.16 approx. 1.27	component A component B mixture
Application conditions	°C	+ 10 to + 30 + 10 to + 30	air and substrate temperature material temperature
Viscosity	mPa·s	480 ± 80 480 ± 100	component A component B
Pot life (200 g mix)	min	≥ 40 approx. 33	at + 10 °C at + 20 °C material and ambient temperature
Minimum curing time of the impregnated E-CR glass fibre (3 mm) before the positioning pressure can be removed**	min	approx. 240 approx. 121	at + 10 °C at + 20 °C material and ambient temperature
Compressive strength***	MPa	approx. 40	DIN EN ISO 604
Tensile strength***	MPa	approx. 13	DIN EN ISO 527
Can take full chemical and mechanical load after	d	approx. 7	

Product Characteristics of Konudur 250 OM-PL Sommerharz

Colour	beige
Form of Delivery	30 l twin-packs
Equipment Cleaner	MC-Reinigungsmittel U (MC-Cleaner U)
Storage	If tightly sealed, the original packs can be stored for at least 12 months at temperatures between + 5 °C and + 25 °C in dry conditions. The same requirements apply to transport.
Pack disposal	Make sure the pack is completely empty.

* Unless otherwise stated, all technical data were determined at + 23 °C and 50 % relative air humidity.

** without groundwater pressure or temperature effects

*** data for pure resin

Note: The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

Edition 06/20. Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.