



# 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 ECR glass fibre for rehabilitation of short liners
- No-dig rehabilitation of defective sewer pipes and ducts
- Rehabilitation methods for underground sewer pipes and ducts
- REACh-assessed exposure scenarios: periodical inhalation, application

### Application Advice

#### Substrate Preparation

See the data sheet "General Application Advice for Shortliner Systems".

#### Mixing

See the data sheet "General Application Advice for Shortliner Systems". The organic-mineral resin Konudur 250 OM-PL Sommerharz is made up of a primary component (component A) and a hardener component (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 and the mixing of partial quantities is not allowed.

#### Mixing ratio

See the "Technical Data" table. The primary and hardener components are supplied in packs containing proportionate amounts. Mixing time should be three minutes.

#### Application

See the data sheet "General Application Advice for Shortliner Systems".

#### Curing/release

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

#### 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 instructions for short liner systems".

#### Safety Advice

Observe the hazard notices and safety advice on the labels and safety data sheets. For further safety guidance see our information sheet "Safety measures when using coating mortar and reaction-cured plastics".

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 +15 to +15	air and substrate temperature material temperature
Viscosity	mPa·s	approx. 480 ± 80 approx. 533 ± 107	component A component B
Pot life (200 g mix)	minutes	≥ 40 approx. 33	at +10 °C at +20 °C material and ambient temperature
Minimum curing time of the impregnated ECR glass fibre (3 mm) before the positioning pressure can be removed**	minutes	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:	days	approx. 7	

## Product Characteristics of Konudur 250 OM-PL (Sommerharz)

Colour	beige
Form of Delivery	30 kg twin-packs
Equipment Cleaner	MC-Cleaner U
Storage	If tightly sealed, the original packs can be stored for at least 6 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. Refer to our information sheet on the packaging order "The MC disposal concept for completely empty transport and sales packaging". We would be pleased to send you this on request.

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

\*\* With no groundwater pressure or temperature effects

\*\*\* Values 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 02/10. 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.

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