

# ombran SC CAT L

Accelerator for the organic-mineral resin ombran SC



## PRODUCT PROPERTIES

- Acceleration of the reaction of ombran SC at low temperatures
- Increasing the viscosity of ombran SC

## AREAS OF APPLICATION

- Impregnation and fulling of E-CR glass fibre mats for renovation with hand-lay up laminate
- Lining system for accessible structures of the sewerage system
- Liner connection in sewer manholes
- Lining of manhole channels or lower parts
- Supplement to GRFP elements and panels

## APPLICATION ADVICE

**Mixing:** The addition of the accelerator ombran SC Cat L is added to the A component of the organic-mineral resin ombran SC. The quantity added must be determined in relation to the volume of component A used: 1 - 4 % of the quantity (volume) of component A. The accelerator ombran SC Cat L can be removed from its container, preferably with a 10 ml disposable plastic syringe (if necessary with a thin tube as an extension attachment), and added to the pre-configured quantity of resin component A. Using a mechanical stirrer (e.g. cordless screwdriver with anchor or propeller stirrer), a thorough premixing is carried out for approx. 30 seconds. The mixing time after adding the B-component is at least another 90 seconds. Mixing by hand is not permitted.

**Application:** See data sheet "General application guide for renovation with hand lay-up laminate".

## TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Mixing ratio	parts by volume	100 : 1 - 4	comp. A : catalyst
Working time <sup>1)</sup>	minutes		with addition of ombran SC Cat L
At 1 Vol. %		approx. 18	at 20° C material and ambient temperature
At 2 Vol. %		approx. 12	at 20° C material and ambient temperature
At 3 Vol. %		approx. 15	at 10° C material and ambient temperature
At 4 Vol. %		approx. 8	at 10° C material and ambient temperature
Application conditions	°C	≥ 5 ≤ 30 ≥ 10 ≤ 25	air and substrate temperatures material temperature
Fully cured after <sup>2)</sup>	minutes		with addition of ombran SC Cat L
At 1 Vol. %		approx. 60 - 70	at 20° C material and ambient temperature
At 2 Vol. %		approx. 40 - 45	at 20° C material and ambient temperature
At 3 Vol. %		approx. 60 - 70	at 10° C material and ambient temperature
At 4 Vol. %		approx. 45 - 50	at 10° C material and ambient temperature

All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.

- 1) 750 ml batch  
2) 3-layer structure

Equipment cleaning agent	MC-Reinigungsmittel U
Colour	transparent
Delivery form	Box with 3 x 1 l
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.

### Safety instructions

Please note the safety information and advice given on the packaging labels and safety data sheets. GISCODE : PU40

**Note:** The information contained in this data sheet is based on our experience and is correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual structure, to the specific application and to non-standard local conditions. Application-specific conditions must be checked in advance by the planning engineer/specifier and, where different from the standard conditions indicated, will require individual approval. Technical advice provided by MC's specialist consultants does not replace the need for a planning review by the client or its agents in respect of the history of the building or structure. Subject to this prerequisite, we are liable for the correctness of this information within the framework of our terms and conditions of sale and delivery. Recommendations of our employees deviating from the information given in our data sheets are only binding for us if they are confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be observed. The information given in this technical data sheet is valid for the product supplied by the country company listed in the footer. It should be noted that data in other countries may differ. The product data sheets valid for the relevant foreign country must be observed. The latest technical data sheet shall apply to the exclusion of previous, duly superseded versions; the date of issue in the footer must be observed. The latest version is available from us on request or may be downloaded from our website. [2300018311]