



# ombran CL

## Cleaner concentrate for oil contaminated substrates

### Product Properties

- Excellent cleaning of oil- and grease contaminated substrates
- Application by hand or high-pressure cleaning equipment
- Suitable on metal, synthetic materials and glass
- Low dosage (can be diluted with water)
- Slightly alkalescent, solvent-free
- Non-aggressive to reinforcing steel and concrete

### Areas of Application

- Cleaning of oil- and grease contaminated, mineral-based substrates previous to application of ombran products
- Cleaning of light liquid separators and grease separators

### Application

#### Substrate Preparation

Depending on grade of contamination of the substrate abrasive contamination can be removed mechanically.

Substrate preparation for following re-profiling / coating is still necessary and must be done.

#### Mixing Ratio

See the "Technical Data" table. ombran CL can be diluted with water in a mixing ratio of 1 : 10 to 1 : 30 Shake canister well before using!

#### Application

Application with brush or scrubber onto the conta-

minated substrate. After a curing time of 10 – 15 minutes rinse thoroughly with water. For very tenacious oil and grease contamination we recommend to rinse thoroughly with warm water to increase the oil emulsifying effect. If necessary repeat several times. ombran CL must be rinsed from off the substrate completely as residues can affect the adhesion of subsequently applied mortars or slurries.

#### Safety Instructions

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



## Technical Data for ombran CL

Characteristic	Unit	Value*	Comments
Mixing ratio	p.b.w.	1 : 10 to 1 : 30	ombran CL : water
Temperature of use	°C	+5 to +30 +5 to +25	air and substrate temperature material temperature
Residence time	minutes	approx. 15	
Density	kg/l	approx. 1.075	

## Product Characteristics for ombran CL

Colour	transparent
Delivery	10 kg canister
Cleaning agent	water
Storage	If tightly sealed, the original packs can be stored for at least one year at temperatures between +5 °C and +25 °C in dry conditions. The same requirements apply to
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 und 50 % relative air humidity.
- \*\* Quantities used depend on the object and on the roughness of the substrate as well as on the storage and working temperatures and the temperature of the substrate. We recommend carrying out experiments beforehand to determine object-specific quantities.

**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 12/08. 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.