



Emcephob NanoWax

Transparent, temporary
anti-graffiti protection

Product Properties

- Water-based polymer-wax-dispersion
- Hydrophobic
- Resistant to light, UV and weathering
- Non-yellowing and -chalking
- Open to water vapour diffusion
- Application by roller or spraying
- Tested according to regulations issued by the Community Anti-Graffiti e.V.
- Approved by the German Federal Highway Research Institute
- Certified in according to EN 1504 part 2

Areas of Application

- Temporary anti-graffiti protection, especially for low-absorbent substrates (coated metal surfaces and polymer surfaces)
- Protection of concrete surfaces against graffiti during construction phase
- In combination with Emcephob NanoPerm T used as "semi-permanent anti-graffiti protection"
- Temporary graffiti protection for non-accessible and non-driven-on surfaces
- REACh-assessed exposure scenarios: periodical water-contact, periodical inhalation, application
- Principle 1; procedure 1.2 (EN 1504-9)

Application

Substrate Preparation

All mentioned substrates must be clean and free from all loose particles, dust, oil and other contaminants. The substrate must be dry before application. If Emcephob NanoWax is used in combination with Emcephob NanoPerm P or T, the relevant technical data sheets must be observed.

Application

Emcephob NanoWax is ready-for-use but must be mixed thoroughly before application. After mixing is completed Emcephob NanoWax is applied cross-wise and evenly onto the substrate using a short pile roller. Application should be carried out quickly and evenly. Please also observe our equipment planner for airless spraying. Emcephob NanoWax must not be applied during rain, at high humidity, frost or risk of frost. Freshly applied coatings must be protected from dew, rain and frost.

Overcoating

Emcephob NanoWax must always be applied in two layers. The indications in the "Technical Data"

table must be observed. If Emcephob NanoWax is used in combination with Emcephob NanoPerm T as "semi-permanent system", application is reduced to only one work step.

Graffiti Removal - temporary system

Graffiti are removed by steam jetting (water temperature > 80 °C).

Graffiti Removal - semi-permanent system

If Emcephob NanoWax is applied in combination with Emcephob NanoPerm T as "semi-permanent system", graffiti may also be removed using the Emcephob cleaner. Please see the technical data sheet "Emcephob Cleaner" and the relevant DIN material safety data sheets.

General Information

Emcephob NanoWax is no permanent but a temporary protection coat. In case of graffiti removal the protective coat is removed, too and has to be re-applied.



Technical Data for Emcephob NanoWax

Characteristic	Unit	Value*	Comments
Density	kg/dm ³	0.96	
Solid content volume	vol. %	22	
Application time	hours		ready-to-use
Drying time	hours days	approx. 1 approx. 1	touch-dry resistant (graffiti)
Coverage**	ml/m ²	approx. 80 approx. 80	1 st layer (base coat) 2 nd layer (top coat)
Diffusion resistance against water vapour	m	0.15	
Rain proof	hours	approx. 2	
Overcoating	hours hours	2 24	Emcephob NanoWax on Emcephob NanoWax Emcephob NanoWax on Emcephob NanoPerm T
Application conditions	°C °C % K	≥ 5 - ≤ 30 ≥ 15 - ≤ 25 ≤ 80 3	air and substrate temperature material temperature relative humidity above dew point

Product Characteristics Emcephob NanoWax

Colour	transparent
Delivery	15 l bucket
Storage	Can be stored in original sealed packages in dry conditions for at least 6 months. Protect from frost! The same requirements are valid for transport.
Disposal	Packs must be emptied completely.

* All technical data relate to + 23 °C and 50 % relative humidity, material temperature between + 15 °C and + 25 °C.

** Coverage rates depend on roughness, porosity and type of the substrate. To determine specific coverage rates we recommend to apply a sample area.

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 03/12. 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.