



Emcephob NanoPerm P

Surface Protection with Added Value



Emcephob NanoPerm P

Coloured Surface Protection with Added Value

Surface protection systems are used to protect building surfaces from damaging environmental impact. The performance requirements such systems have to fulfil are stipulated in international regulations. At the forefront here are the products' technical properties rather than lasting aesthetic considerations.

However, such one-way views no longer suit today's requirements in practice. Emcephob NanoPerm P, the surface protection system in the high-performance class, offers the perfect solution: unique technical properties combined with a lasting aesthetic appearance.

Achieving function and aesthetics in a single system that lasts has been the goal for R&D at MC. This dual performance offers clients, planners and contractors an additional value. The wide range technical characteristics make Emcephob NanoPerm P unique – a product that achieves more than all other standard surface protection systems on the market.

With Emcephob NanoPerm P you achieve reliable concrete protection, prevention from all kinds of staining, and on top of that you also get protection from graffiti defacement.

The application of Emcephob NanoPerm P is user-friendly. Both hand and spray application is possible using standard equipment.





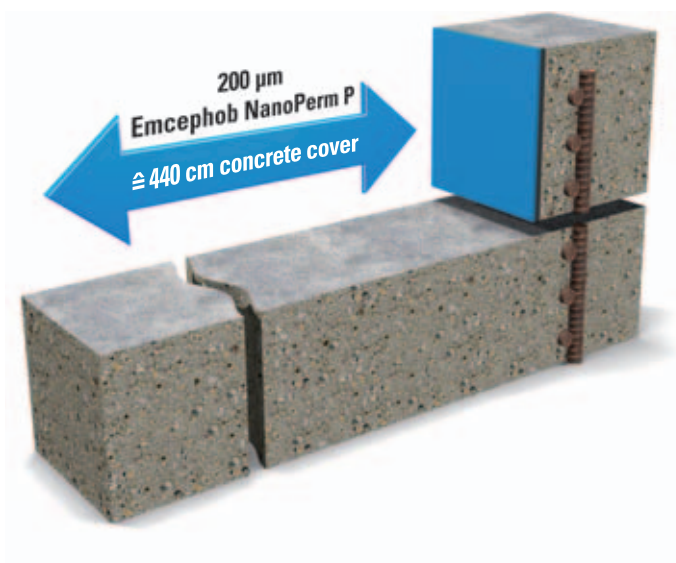
Your Added Value

- High-performance surface protection system
- Meets building physics requirements, as open to water vapour diffusion
- Prevents carbonation of concrete with lasting effect
- Outstanding equivalent concrete cover
- Easy to clean surface
- Prevents staining
- Permanent graffiti protection
- Tested and certified to EN 1504 and DIN 18026

Comprehensive Concrete Protection and Lasting Aesthetics

To ensure long-term protection of reinforced concrete structures, surface protection systems must not only be water-impervious and weather-proof, but also have a carbon dioxide diffusion resistance of > 50 m. With 3,600 m Emcephob NanoPerm P exceeds this value by far! Carbonation of the concrete, and thus the potential for corrosion of the reinforcement, is permanently prevented.

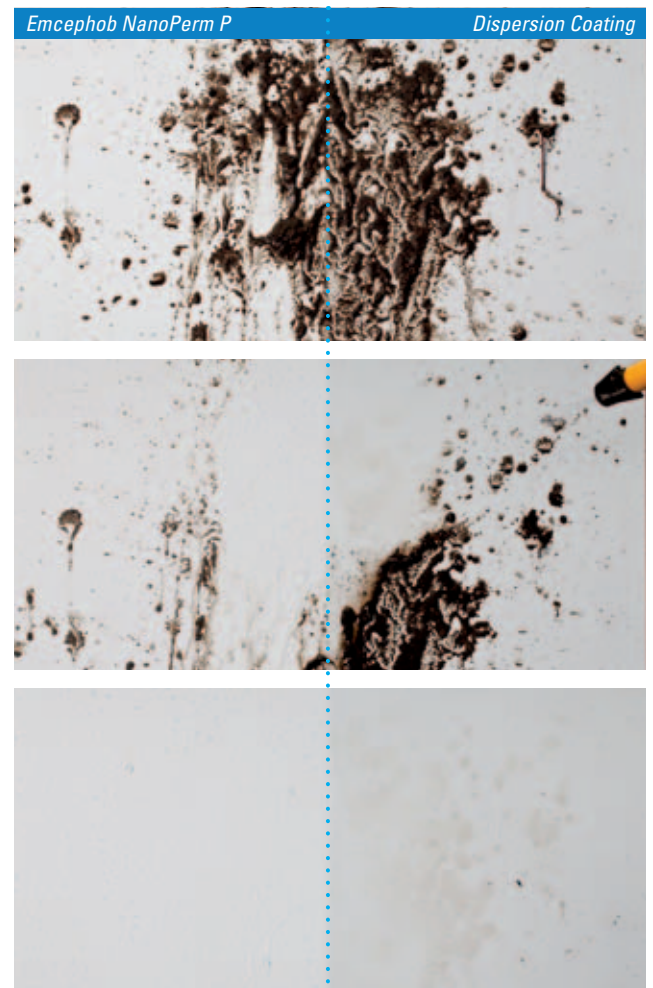
An insufficient concrete cover is therefore compensated with Emcephob NanoPerm P.



With a dry layer thickness of 200 µm you achieve an equivalent concrete cover of 4.4 m when using Emcephob NanoPerm P!

In addition to excellent concrete protection characteristics, Emcephob NanoPerm P has lasting aesthetic qualities, too. In contrast to standard surface protection systems that stain and yellow easily, and whose layer thickness wears off through the effects of weathering, Emcephob NanoPerm P offers clear advantages: through its highly cross-linked nano structure the surface is less prone to chalking, remains colour-stable and is absolutely weather-proof.

The comparison test clearly shows the cleaning advantage of Emcephob NanoPerm P: any water that runs off this surface, such as rainwater, acts as an effective cleaning process.







Reliable Graffiti Prophylaxis with Long-Term Effect

Another plus of Emcephob NanoPerm P is the built in graffiti protection. While with standard surface protection systems a complete and residue-free removal of such 'artwork' is impossible, surfaces protected with Emcephob NanoPerm P

can be cleaned very easily with the system cleaner "Emcephob Basic Cleaner". Do not compromise when protecting your structures!



Application

The Emcephob Basic Cleaner is applied onto the graffiti with a wide brush. The cleaning agent is worked into the graffiti colour using circular brush strokes. A bristle brush may be used on rough, structured surfaces.



Removal

After a reaction time of just 2 to 3 minutes the gel-like cleaner with the deluted graffiti can be removed from the surface with a hard rubber board.

The mixture is removed from the rubber board using a cleaning cloth or tissue paper; which must afterwards be left to dry in a well ventilated area. It can then be disposed off as normal construction waste.



Final Cleaning

The subsequent cleaning is performed with a damp sponge. The addition of a mild detergent supports the cleaning effect.

The result: a residue-free clean surface without any loss of material and without discolouration.

Emcephob NanoPerm P Surface Protection with Added Value

- Complete surface protection for your building structures
- Lasting protection against aggressive environmental impacts
- Protects from permanent defacement and staining
- Can be used on many substrates

Information

Request Emcephob NanoPerm P information now – by mail, fax or email!

Yes, I would like...

- ... you to send me the technical datasheet Emcephob NanoPerm P.
- ... you to call me!
- ... to see a demonstration of Emcephob NanoPerm P at work! Please arrange an appointment with me.

Company: _____

Name: _____

Address: _____

Phone: _____

Email: _____

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