



protecting. coloring.
optimizing. **In construction.**

Technical Data Sheet

faceal Oleo HD

The multifunctional waterproofing system for colouring mineral substrates

- oleo and hydrophobic protection
- transparent
- water-based


Appearance of the substrate remains unchanged

For indoor and outdoor use


RAL-GZ 84/2 certified and BAST homologated graffiti protection system




Product description

 **faceal Oleo HD** is a preventive waterproofing system that protects against oil, grease and water-based staining, as well as against other impurities. It facilitates the removal of moss, algae and lichen, ice and graffiti as well as making the surface easier to clean in general. Once it has dried out, it develops a highly water and oil-repellent effect. It has a self-cleaning effect on vertical and inclined surfaces when it rains. Thanks to faceal Oleo HD, the original appearance of the protected surfaces is preserved for a long time. faceal Oleo HD is also certified as a graffiti protection system according to RAL-GZ 841 /2 for quality-assured graffiti prophylaxis. The graffiti can be easily removed using hot pressurised water, with the addition of the graffiti remover from PSS Interservice, without impairing the protective properties of the treated surface.

Characteristics

 faceal Oleo HD consists of functionally extended, fluorinated acrylic copolymers in the aqueous phase. It is free from solvents and is non-flammable. Thanks to the organised structure of its active molecules on the surface, faceal Oleo HD substantially reduces the surface tension of treated substrates. Aqueous and oil-based stains in particular, can no longer adhere properly to the surface, which considerably facilitates their removal. faceal Oleo HD is permanently connected with the substrate. The water vapour diffusion properties of the treated substrate are not affected in any way (Sd-value according to DIN 52615 mod.: no measurable changes). The visual appearance of the surface and its structure remain the same.


Areas of use

 faceal Oleo HD can be applied to porous surfaces used in building constructions, both indoors and outdoors, on roofs, façades and, thanks to its high abrasion resistance, also on floors. For example, on concrete, natural stones, clinker bricks, brick, tiles, terracotta, plaster, mortar, gypsum, asphalt and artificial stone. Especially suitable for mineral substrates with small pores. Colour-treated surfaces must be absorbent. faceal Oleo NC 24 H must be used on highly alkaline substrates (e.g. fresh concrete).

Technical data

1 Density:	1.01 ± 0.01
2 pH value:	6 ± 5
Colour:	colourless
Solubility:	soluble in water
VOC:	< 1g
Boiling point:	100 °C
Water vapour permeability according to DIN 52615 and EN ISO 7783-2:	96 % ± 3 %

Processing


 faceal Oleo HD can be used on dry as well as on slightly damp substrates. It is recommended that you clean the surface before applying the product in order to remove any existing dirt and stains.

faceal Oleo HD can be applied with an airless device, a low-pressure sprayer or, for small areas, with a brush up to saturation. faceal Oleo HD dries after approx. 24 h and it can be subjected to full loading after 7 days. Surfaces that are not scheduled to be treated must be suitably covered. The tools and equipment used must be cleaned with water before the faceal Oleo HD product has time to harden. Any excess product applied must be removed completely to achieve optimum protection. This is especially important when used on horizontal surfaces. Preferably, it should be removed with a microfiber cloth or mop before the faceal Oleo HD has completely dried out.

faceal Oleo HD cannot be processed in the rain and frosty conditions. The ambient and surface temperatures must be at least +5 °C.

The detailed guidelines on how to apply the product are available on request.

Consumption / Yield

 The consumption values indicated are guidelines only, which must be verified without fail on test surfaces on the concrete object.

Substrate

Limestone up to	1.0 l / m ²
Tufa	0.8 l / m ²
Lime plaster (P1 and P2)	0.4 l / m ²
Cement plaster (P3)	0.3 l / m ²
Engineering concrete	0.20 - 0.30 l / m ²
Concrete roofing tiles	0.17-0.25 l / m ²
Terracotta	0.15-0.25 l / m ²
Clay roofing tiles	0.15 l / m ²
Artificial stone	0.13 - 0.30 l / m ²
Natural stone, like marble	0.10 - 0.20 l / m ²
Granite	0.05 - 0.15 l / m ²


Cleaning the equipment

 Clean all tools and equipment with water immediately after use.


Container sizes

 Containers of 5 and 25 litres.


Storage

 The storage temperature must not fall below +5°C and should not exceed +30 °C. Shelf life is at least 2 years if the container is unopened. Opened containers should be processed as soon as possible. Do not pour any unwanted material back into the storage container.

Recommendations

 For floors protected with faceal Oleo HD, we recommend cleaning with the PSS microfiber concept. On all natural stone floors - whether polished, sanded or flame-treated - this provides, among other things, a deep clean into the pores, without chemical cleaning additives. For cleaning large areas, pads are also available for single-disc machines that are used in the spray/ extraction process.

Health and safety

 The information contained in this technical data sheet is based on our present knowledge and experience. Due to the variety of possible influences during the processing and application of our products, the user is responsible for carrying out the necessary tests and trials on site. No legally binding guarantees of certain properties or the suitability for a specific application can be derived from the specifications contained in this technical data sheet. The user of our products is solely responsible for complying with existing laws and regulations.

Note: The corresponding safety data sheet of the respective product must be observed. In the absence of technical support, please contact PSS Interservice AG.

Productcode: 2116
