

FACEAL COLOUR

PRODUCT DESCRIPTION: FACEAL COLOUR is the pigmented version of Faceal Oleo HD, and has been specially developed for coloured layouts of concrete and other mineral construction materials. FACEAL COLOUR is a glaze and is available in many standard colours. The structure of the surface remains intact after application of FACEAL COLOUR.

FACEAL COLOUR is a preventative impregnation against oil, grease and water-based soiling, as well as against other types of contamination. It facilitates the removal of mosses, algae, lichen and graffiti, as well as general cleaning. Once it has dried out, it develops a strong water and oil rejecting effect. A self-cleaning effect is achieved by rain on vertical and angled surfaces.

PRODUCT CHARACTERISTICS: FACEAL COLOUR is based on the latest Nano technology and consists of functionally expanded, fluorinated acryl co-polymers in an aqueous phase with a pigment proportion of maximum 10%. Faceal Colour is non-poisonous, non-inflammable and is open to the diffusion of water vapour. Thanks to the organised structure of its active molecules on the surface, FACEAL COLOUR® substantially reduces the surface tension of the treated sub-surfaces. Aqueous and oil-based impurities can no longer stick to the surface, or cannot stick so well, which considerably simplifies their removal.

AREAS OF APPLICATION: FACEAL COLOUR can be used on mineral, porous sub-surfaces that are used in the building industry, both indoors and outdoors, and in the roof and facade areas. It is especially suited to the optical retroactive treatment of all types of visible concrete, as well as concrete blocks. Coloured surfaces that have been pre-treated must be porous.

CHARACTERISTICS OF THE SUB-SURFACE: FACEAL COLOUR should be applied on dry sub-surfaces. Pre-cleaning is recommended to remove any existing contamination.

APPLICATION: Before use, the FACEAL COLOUR should be stirred in a container using an electrical agitator for at least 5 minutes, in order to ensure the necessary mixing of the pigments.

We recommend to apply Silan100 of Keimfarben as a primer prior to the application of Faceal Colour. Silan100 should be dry when applying Faceal Colour.

FACEAL COLOUR should preferably be applied with a high-volume spray gun; in some cases the application can be effected with a special 'glaze' brush. In both cases the application is to be done in one or more working steps, depending on the required colour, the porosity of the substrates and the amount of thinning.

FACEAL COLOUR dries in approximately 24 hours, and can be fully loaded after 7 days. During the initial 24 hours drying no water (no rain) should touch the treated surface. Surfaces that are not to be treated should be correspondingly covered up. The tools and equipment used should be washed in water before the FACEAL COLOUR hardens.

Thinning with water is not possible.

FACEAL COLOUR cannot be applied during rain or frost. The ambient and surface temperature must be at least 5° Celsius.

- QUANTITIES USED:** The quantities to be used should be determined by test areas on the actual object or on test sub-surfaces, taking the required coloured design, the porosity and the characteristics of the substrate into consideration.
- STORAGE:** The storage temperature must not fall below 5° C, and should not exceed 30°C. The shelf life is at least one year in the unopened condition. Opened containers should be used up as quickly as possible. Unused material should not be poured back into the storage container.
- RECOMMENDATION:** Given that FACEAL COLOUR is a glaze and not a covering paint the colour of the surface to be treated will co-determined the final shade of the colour. We strongly recommend therefore to determine together with the customer the colour of the FACEAL COLOUR to be used and how many applications will be necessary to obtain the colour shade wanted.
- The removal of any graffiti or paint splashes should be carried out with the removers AR 9000, AR 630, AR 700 or AR 628. Colour pigments may also be removed thus FACEAL COLOUR may have to be reapplied on the cleaned areas with FACEAL COLOUR. The removal of pigments does not affect the impregnation effect of FACEAL COLOUR.
- Surfaces treated with FACEAL COLOUR can be protected with PSS 20 against graffiti. When removing graffiti follow the instruction related to PSS 20 protected surfaces.

The information given in this technical leaflet is based on our present state of knowledge and experience. Because of the wide variety of possible influences that could apply during the application and use of our products, it is the responsibility of the person carrying out the application to perform the necessary trials and tests himself on-site. No legally binding guarantees for specific properties or for the suitability for a concrete application can be derived from the information in this technical data sheet. Persons applying our products on their own responsibility must comply with existing laws and regulations.

PSS INTERSERVICE GMBH

Sales for Germany, Austria and East European states

Saalmannstr. 11

D-13403 Berlin

Tel: ++49-30-414 089 0

Fax: ++49-30-414 089 79

<http://www.pss-technology.com>

e-mail : zentrale@pss-technology.de

PSS INTERSERVICE AG

Sales: European Headquarter

Poststr. 1

Postfach

CH-8954 Geroldswil

Tel: ++41-44-749 24 24

Fax: ++41-44-749 24 25

<http://www.pss-technology.com>

e-mail : info@pss-technology.com