



Value retention for buildings

through *faceal* - the impregnation with long-term protection

through nano-technology

durable

effective

economical



For many substrates
on buildings

For the long-term retention of building substance

The impregnations of the *faceal* product family are used as preventative measures for porous, absorbent surfaces on buildings. Grease, oil and water-based contamination can no longer penetrate into the substrate and chewing gum can no longer stick to the same extent.

The principle of operation of the solvent-free impregnation is simple: it penetrates into the capillaries and pores of a substrate and reduces their surface tension to a level that lies below that of the contaminating liquids. In this way, the surface can now be quickly and easily cleaned.

The optical appearance remains unchanged with *faceal*, which is also completely open to the diffusion of water vapour.

And the special feature of *faceal* is this: it is both oleophobic (oil-/grease repellent) and hydrophobic (water repellent).

The *faceal* product family offers this unique solution for different substrates on buildings: *faceal oleo* is used as a general surface protection with oleophobic and hydrophobic effect, for example, on walls and roofs.

faceal oleo HD (heavy duty) is the mechanically resistant version for the impregnation of floors and as a graffiti protection on vertical surfaces.

faceal oleo NC (new concrete) is specially designed for the protection of fresh concrete and of substrates with heightened pH values.

faceal oleo Wood is the surface protection for contamination of all kinds on untreated wood.



Examples of surface tensions

Water:	approx. 72 mN/m
Organic coatings:	approx. 35 – 45 mN/m
Waxes, paraffin:	approx. 30 mN/m
Silicone:	approx. 25 mN/m
Oils, grease	approx. 20 – 25 mN/m
Polytetrafluorethylene (PTFE)	approx. 18 mN/m
<i>faceal oleo</i> – products:	approx. 10 – 15 mN/m

An attractive appearance - clean down to the pores

With *faceal oleo HD*, the results of the nanotechnology from science and research have been successfully put to use for the surface protection of buildings. Nano-scale structures in the range of the millionth part of a millimetre ensure an almost perfect protection for porous, absorbent building materials that remains effective over the long-term. As a result, the substrates remain clean down to their pores and ensure an attractive appearance.

The level of representation rises - while the maintenance costs fall

In many cases, grease, oil and water based contamination can only be removed, if at all, with great difficulty. The situation is very different with the use of *faceal*. With preventatively impregnated surfaces, the contamination can be removed easily and quickly without any problem. As a result, the maintenance cleaning costs are significantly reduced with *faceal* - and your house and/or your object always shows its most attractive side.

faceal oleo HD graffiti protection - certified according to RAL and BAST

On the basis of its mechanical resistance, *faceal oleo HD* is also outstandingly suitable as a graffiti protection. *faceal oleo HD* is approved for quality-assured graffiti prophylaxis according to RAL-GZ 841/2 and according to the BAST (Federal German Institute for Road Affairs) as a so-called "Permanent System".



WORKING WITH NATURE

PSS INTERSERVICE SA
Head Office of the PSS INTERSERVICE-Group
Poststraße 1,
POB
CH-8954 Geroldswil (Switzerland)
Tel.: ++41-44-749 24 24 · Fax: ++41-44-749 24 25

e-mail: info@pss-technology.com · Internet: <http://www.facealoleo.eu>