

GREENLINE ONI

This product is suitable for all surfaces made of concrete, artificial stone and other cement materials

The impregnations strengthen concrete surfaces and protect them against heavy wear as well as chlorides and aggressive liquids. The protection is diffusion-open, durable and acid-resistant.

The impregnation system is a surface sealing and protective treatment for vulnerable concrete surfaces such as industrial floors and parking garage floors. The impregnation is also used to strengthen surfaces and bind dust during grinding and polishing of concrete floors. The result is a very durable and scratch-resistant surface.

Our products penetrate very deeply into capillaries, micro cracks and pores. A chemical reaction between salts and minerals causes the formation of a very hard calcium silicate hydrate. As a result, a crystalline structure is formed which prevents water from penetrating but allows vapours to escape (diffusion). As the protection penetrates deep into the concrete, it is insensitive to external influences such as abrasion and impact.

A treatment increases the durability (abrasion resistance) of new concrete by more than 35 percent and strengthens older concrete, mortar and self-levelling cement-based floor screeds exposed to the weather.

The treated surface becomes slightly water repellent (hydrophobic) with the last treatment.

AREAS OF APPLICATION

- Beton in rauen Umgebungen
- Concrete in harsh environments -roads, bridges, tunnels
- Parking spaces and garages
- Water supply and sewage systems industrial and material storage floors
- Marine environments
- Vehicle washing facilities and workshops
- Deep-freeze rooms
- Agricultural silos, biogas plants
- Sawmills, paper mills
- Recycling and waste plants
- Balconies, stairs

In contrast to our GreenLINE Floor, no mechanical processing is carried out here, so that the original appearance is largely preserved.

It is an inexpensive alternative in the new construction of industrial floors to obtain a dust-free, robust industrial floor. The use of the treated surfaces is often possible after 1-2 days



NEW!



TESTED EFFICIENCY

CERTIFICATIONS AND APPROVALS OF OUR SUPPLIER KOMSOL ACCORDING TO

EN 1504-2 CE SYSTEM 2+

EN 1504-2, 1504-8 CE System 2+ (SP/CBI) Products and systems for protection and repair of concrete surfaces - Surface protection systems for concrete. Certificates, State **production control 1111-CPR-0556**, 100% ecological, no VOC, approval in connection with drinking water DIN EN 12873-2:2020

LIFE-365 / NORDTEST NT-BUILD 492

Chloride protection - Three times longer life of reinforced concrete

DIN 11622-2 (TÜV)

Chemical resistance of waste/biogas plants

EN ISO 12873-2: 2005 (AQUALOGY LABAQUA)

Approved for direct contact with drinking water up to 70° C

NUCLEAR POWER PLANTS (VATTENFALL)

Class: Green 2, including use in WetWell (reactor containment)