

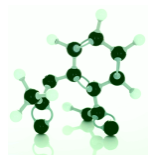
Spotless Concrete Pro / Pro+ Nano Penetrating Sealant

Ref.70036 - Concrete Pro: water repellent

Ref.70051 - Concrete Pro+: water and oil repellent

Spotless Concrete Pro & Spotless Concrete Pro+ are a new generation of penetrating sealants based on silicate nanotechnology. They solidify surfaces and close micro-gaps, offering a powerful waterproofing and protection from abrasion and chemical aggression.

Nanotechnology



Nanotechnology is the latest revolution in materials. Spotless sealants are manufactured at nano scale (1 nano = 1 billionth of a meter!), which gives them exceptional properties.

Technical characteristics

Composition: Aqueous preparation, silicates. Does not contain solvents.

Main benefits:

- ✓ Prevents efflorescence, prevents impregnation by pollutants including algae, fungus
- ✓ Extreme resistance to abrasion and high temperatures: prevents micro-cracks
- ✓ Life-long water-proofing: resists from 0.5 bar / 0.6 bar (*Spotless Concrete Pro*) to up to 1 bar (*Spotless Concrete Pro+*) of constant water pressure
- ✓ 100% ecological: does not contain any Volatile Organic Components (VOC)

Additional benefits:

- ✓ Visually neutral waterproofing that lets sealed surfaces breathe: steam passes through
- ✓ Can be integrated into an industrial process by coating concrete-based products
- ✓ Increases resistance to pressure, torsion, traction of cement-based construction material

Application examples:

- ✓ Protection of old and new concrete floors from all liquid aggressions such as salty water, rain water, sulphuric acid, ...
- ✓ Protection of tunnel walls, concrete sewage systems, concrete pipes from seepage
- ✓ Protection from micro-cracks due to weather and temperature variations
- ✓ Consolidates porous surfaces and reduces dust from concrete
- ✓ Ideal for parking lot access ramps, terraces, rooftops, ...
- ✓ In livestock farms or places where animals are kept, prevents fungus, mold, bacteria from penetrating into the floor
- ✓ Primer for painting that prevents surface alteration due to temperature variations
- ✓ Protects and repairs concrete pipelines and drinking water tanks
- ✓ Waterproofing of outdoors walls: sealed surfaces can be painted, the sealant can be used as paint primer
- ✓ Particularly recommended in places exposed to high chemical and mechanical aggression



Prevents hair-cracks and efflorescence for life.

Penetrates 2 to 3mm deep inside concrete, bonds on molecular level.



Prevents adherence of green pollutants.

Left: sealed.

Right: original

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Surface preparation before application:

Surface must be free of major stains and dirt, dry and clean. Protect glass and ceramic from projections before applying. Do not allow to come in contact with aluminum. Surfaces that should not be in contact with the product have to be protected and cleaned right away in case of projections.

Application: shake bottle well, apply in a uniform way until the surface is saturated. Can be applied with a spray gun, roller and brush. Let dry for 10 to 15 minutes then apply a second coating, also until saturation.

Spotless Concrete Pro can be diluted 1:1 with water for application on hardened concrete, which is slightly absorbent only.

Quantities needed vary between 100ml/sqm and 350ml/sqm, depending on how absorbent the concrete is.

Apply product within temperature range of +5°C and +50°C. Ambient air humidity must be maximum 85%. Treatment quality will be altered if contact is made with water, dirt or pollutants before the sealant is completely dry.

Spotless Concrete Pro+: if important quantities of water are sprayed on surface during the 7 days following application, dry immediately. Chemical stability increases progressively during the first 4 weeks. It is only after this period that alkaline cleaning products can be used without damaging the sealant.

Drying time: total drying time is 24 hours, after which the surface is safe to walk on. During drying time, protect from rain, dirt and do not walk on the surface nor apply any other product.

Maintenance: usage of aggressive cleaning products and methods is not necessary anymore. Simply clean with a soaked brush, sponge or a low pressure water spray. The treatment can withstand cleaning with pressured water spray up to 90 bars. For oily stains, use a brush and soapy water. *Spotless Concrete Pro*: slight stains can remain as the sealant is not oil repellent.

Storage and shelf life: Store during 2 years maximum in sealed containers. Keep away from direct sunlight and store in temperatures ranging between +5°C and +25°C. Properly close opened containers before putting back in storage.

Safety: product is not considered as dangerous goods. See MSDS for full details.

Life-long waterproofing and protection:

Penetrating sealants will last 10 to 15 years at least, or until the first 2 to 3mm of concrete have been physically eroded.

Business cases:



Concrete pipe waterproofing and repair.



Safety: pedestrian and car access ramps reinforced.



Impact and chemical resistance improvement in warehouses, factories.



Efflorescence prevention: seal concrete before installing finishing tiles to prevent efflorescence.



Waterproofing and seepage prevention in tunnels, fountains, ponds, swimming pools, ...