



ONEX

Cleaning and Protection

Uses:

Removes stains caused by algae and the slippery green surface coating and organic stains found on shaded areas of paving, paths or patios and below trees. Also effective on roofs, walls and balconies.

Advantages:

- biodegradable.
- Does not harm plants.
- water based technology.

How it works:

ONEX removes stains caused by algae and the slippery green coating found on shaded areas of paving, paths or patios and the organic stains found below overhanging trees. It is equally effective on roofs, walls and balconies.

Staining progressively disappears over a few days following application and protection remains active for a period of months, greatly assisting subsequent maintenance. Slight residues remaining after cleaning are removed naturally by weather and rainfall. For very long lasting protection ONEX can be used within a sustainable impregnation and cleaning strategy, in conjunction with WEISS StainProtect Profi and Grundreiniger.

ONEX as part of a Sustainable Cleaning Strategy:

In a heavily used public realm environment it is both desirable and necessary to formulate a comprehensive protection and cleaning strategy; to minimise long term energy input and material costs, also to extend the service life of the pavement and other surfaces being maintained.

Used in conjunction with WEISS StainProtect Profi, the water-based impregnation product proven to be effective for the toughest city centre environments, and WEISS Grundreiniger, the pH neutral cleaning detergent which removes grime without damaging the environment or the surface being cleaned.

ONEX is an economical and effective addition to a sustainable cleaning strategy.

Directions:

Dilute 1:20 for the removal of stubborn stains.

Dilute 1:50 when used for mild cleaning and prevention of fresh growth.

Apply when surface is dry and between 5-25°C. Do not apply to hot surfaces.

Do not apply when rain is expected within 4 hours.

Do not apply directly onto nearby plant foliage (run-off is harmless to plants)

Dry, treated areas may be walked on after 4 hours.

Technical Data:

- | | |
|------------|-------------------------------|
| - Form | fluid |
| - Colour | clear |
| - Odour | slight |
| - pH-value | ~7-9 |
| - Density | 1.0 g/cm ³ at 20°C |

Packaging Options:

- 1 litre plastic bottles



weiss ONEX Pavement Cleaning and Protection

Steintec[®]
pavement care

Steintec
tuffbau limited
728 London Road
West Thurrock, Grays
Essex, RM20 3LU

Phone: 01708 860 049
Fax: 01708 860 893
Email: info@steintec.co.uk
Website: www.steintec.co.uk



Cleaning and Protection Products for Natural Stone and all Modular Paving

Sustainable cleaning strategy

The problem:

Staining from fast food, associated with oil and grease, is one of the most serious problems for public spaces. Oil and tyre marks from vehicular traffic are an associated problem and chewing gum is a perennial curse. Whilst none of these can be completely negated it is possible to provide an economical pavement protection and cleaning regime which can create a very noticeable and sustainable improvement.

One problem can be that sites are excessively cleaned during their service life and it is important that those charged with cleansing do not respond to a demand for spotlessness by increasing the severity and frequency of aggressive cleaning procedures; rendering the pavement super-vulnerable to fresh staining.

Learning from history:

Older existing pavements do not attract catastrophic staining, indeed one might consider that the surface of an older natural stone pavement has developed an attractive patina. The fact is that the pavement was vulnerable when it was first laid but was not subjected in its early life to the concentrated abuse a modern city centre pavement must now withstand. Pores in the pavement surface were filled over time with 'good dirt'. Modern contaminants such as motor oil and fast food do penetrate deeply into a mature surface.

Protection:

The application of water-based penetrating impregnator protects against staining from oil, grease and tyre marks by forming a transparent sub-surface barrier beneath the pavement surface. All types of natural stone and pre-cast concrete paving can be effectively protected using this discrete, environmentally friendly system. The leader in this field is WEISS StainProtect Profi - economical, easy to apply and effective.

Why use a water-based impregnator?

Water based systems remain highly oil repellent and do not have the disadvantage that 'tacky' silicones and resin-based products have of attracting and binding to dirt, solvent based products combine with moisture during application, resulting in permanent patchy discoloration, destroying natural colours and patina. Natural stone and all modular paving retains its ability to breathe naturally, remaining water permeable whilst repelling contaminants such as oil, fat and the damaging hydrocarbon products of our modern age. WEISS water-based impregnators do not adversely affect slip/skid values, proven in rigorous industry tests.

Cleansing:

Aggressive cleansing damages the pavement and invites catastrophic staining, damaging the environment. An effective and sustainable cleansing regime requires only water together with a pH Neutral cleaning agent. Dirt and oils are taken into solution and suspension, lifting them from the surface as the water is removed. The use of a pH Neutral and biodegradable agent such as WEISS Grundreiniger, facilitates gentle but effective cleaning whilst protecting the environment, reducing costs and extending the life of the pavement.

Why use a pH Neutral cleansing agent?

Most commercial pavement cleaning chemicals are highly alkaline, this is damaging to both the pavement and to the environment. Also, highly alkaline cleaners can damage and remove the impregnation itself. WEISS Grundreiniger works by releasing the hold which contaminants have with the pavement surface and binding them strongly to the water being used for cleaning. Oil, grime and dirt held by the cleaning water is unable to settle on the surface again. Grundreiniger simply removes dirt instead of spreading it around.

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tuffbau limited
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