

Grundreiniger

Intensive Pavement Cleaning



weoss Grundreiniger Intensive Pavement Cleaning

Uses:

Routine cleaning of all types of natural stone and concrete pavements and floors.
Removal of oil and grease stains, rubber tyre and footwear marks, general traffic and pavement grime including typical "fast food" stains.
Intensive "spot" cleaning of stubborn areas.

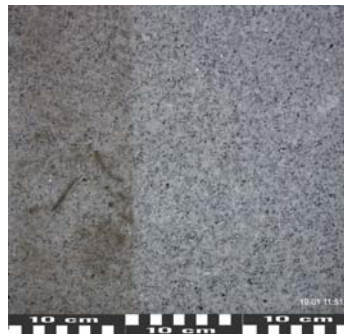
Advantages:

- pH neutral
- solvent free
- biologically safe
- low odour in use
- effective at high dilution rates
- not affected by hardness of water
- will not damage or degrade impregnators

How it works:

Releases the hold of organic and inorganic contaminants with the pavement surface, binding particles and liquid soiling strongly within the water used for cleaning, so preventing re-contamination of the surface during the cleaning process.

Typical Pavement Grime on a Granite surface



Surface (right) cleaned with dilute Grundreiniger and water

Directions:

Dilute with water to suit, typically 1:50 or higher, water may be warm.
Grundreiniger is effective for routine maintenance cleaning at 1:100 dilution.
Minimum dilution is 1:1 with water for spot cleaning of very stubborn staining.
Apply liberally to surface and allow time for product to work on stubborn soiling.
Agitate using non-metallic brush or pad and then rinse well with water. Vacuum cleaning may be used to remove excess water. Do not allow to dry on the surface.

Technical Data:

- Form fluid
- Colour slightly yellow
- Odour mild
- pH-value ~7.5 (1:20 dilution)
- Density 1.01 g/cm³ at 20°C

Packaging Options:

- 1 litre plastic bottles
- 5 litre plastic bottles
- 10 litre plastic bottles
- 120 litre drums
- 1000 litre IBC-container



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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.

Steintec[®]
pavement care

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