



SPIRIT EFFLORESCENCE OFF

Technical Data Sheet

Product Description

A commercial grade mineral acid cleaner designed to remove stubborn efflorescence. It also is very effective at removing rust, grout & hard water deposits.

Features & Benefits

- Extra heavy duty acidic cleaner
- Highly concentrated, dilutable up to 20:1
- Contains a combination of acids (does **NOT** contain hydrochloric acid)
- Breaks down built up efflorescence & other mineral based materials

Where to use

- Some natural stone surfaces such as granite & sandstone
- Terracotta, tessellated tiles, ceramic and porcelain tile
- Concrete & concrete pavers

Where not to use

- Acid sensitive stones like travertine, marble or limestone
- Depending on where it was quarried, bluestone could be damaged by acids
- *Test first before use, preferably on a spare piece of stone or tile.

Available sizes

1L, 4L, 15L Drums

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CLEANING WITH EFFLORESCENCE OFF

Before commencing cleaning, it is a requirement to test first before use.

Surface preparation

1. Sweep or vacuum the area to be cleaned to remove any loose debris.
2. Protect carpet and household items if using indoors. If possible, remove or protect outdoor furniture to prevent contact with the cleaner.
3. If using on porous surfaces, pre-wet the area to allow the cleaner to stand on the surface.



Testing instructions

Test first in an inconspicuous area to ensure competence and satisfaction. Follow the how to use guide below.

Note: The testing phase is extremely important as it allows you to determine if you are satisfied with the results, while also allowing you to familiarize yourself with how the product works.

How to use

1. For **concrete** and **concrete pavers**: Dilute **Spirit Efflorescence Off** in a clean bucket at 20 parts clean water to 1 part **Spirit Efflorescence Off**.
For **granite, basalt, sandstone** and **clay pavers**: 10-15 parts clean water to 1 part **Spirit Efflorescence Off**.
2. Pre-wet the area to be cleaned first and then spread the solution over the area to be cleaned and allow the products to stand for 1-2 minutes only before scrubbing.
3. Agitate the area with a nylon scouring pad (a **Spirit Doodle Bug** is ideal.) It is recommended to use a firm bristled nylon or natural brush to get into the grout joints. Do not let the solution dry, add more if it starts to dry out.
4. Remove the dirty water with a dense mop, or if available, the best method is to use a wet vac.
5. Allow the area to dry completely to see the results. If you have removed the majority of the efflorescence, you can repeat the process to see if you totally remove it. If there is no difference, you may need to use another type of cleaner to get the job done, in that case, contact Spirit Sealers for advice before trying anything else.
6. Rinse the treated area thoroughly with **Spirit Neutral Cleaner** at a dilution rate of 10 parts clean water to 1 part **Spirit Neutral Cleaner** to help neutralise any residual acidity, and allow the area to dry completely before sealing is done.

Precautions

1. **DO NOT** mix **Spirit Efflorescence Off** with any other cleaners as harmful fumes may result.
2. All surrounding areas that are not intended to be cleaned must be protected from contact with the cleaner. Keep away from carpets and treated metal surfaces.
3. Appropriate gloves, goggles and long-sleeved shirt must be worn during application.
4. Wash hands with soap and water after use to remove any residue that may be on the skin.
5. In the event of an unwanted spill, wipe up immediately with a clean cloth and rinse with water.
6. **DO NOT** use **Spirit Efflorescence Off** on calcium based natural stones such as, marble, travertine or limestone. Do not use on terrazzo.
7. Regardless of the surface to be cleaned, conduct a test first.

Coverage Depends on the porosity of the surface, temperature and method of application.

1 litre of **Spirit Efflorescence Off** will clean approximately 20m².

Clean up tools after application with water.

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