SPIRIT SAFE ACID

Technical Data Sheet

Product Description

Spirit Safe Acid is an alternative to mineral acid cleaners, formulated with new organic salt technology. Designed to remove concrete and mortar spills, heavy efflorescence, light and heavy grout haze, & rust stains. It is extremely effective for restoring colour in faded, aged concrete pavers.

Features & Benefits

- Powerful acidic cleaner which is safe for the user.
- Contains no strong mineral acids and has no VOC's.
- Restores colour in concrete pavers, leaving them looking brand new.
- Breaks down heavy efflorescence.
- Effectively cleans tools covered in glues, grouts and mortar.
- Safe alternative to dangerous acids such as hydrochloric/muriatic acid.

Where to use

- Ceramic tiles, porcelain tiles & grout joints
- Concrete & concrete pavers
- Terracotta, tessellated tiles
- Non-calcium-based natural stone (always test before use on any natural stone)
- **DO NOT** use on acid sensitive calcium-based stones like travertine, marble & limestone unless advised by a Spirit representative.

Available sizes

1L, 4L, 15L Drums

CLEANER & SEALERS FOR THE TILING INDUSTRY

CLEANING WITH SAFE ACID

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.

Testing instructions

Test first in an inconspicuous area to ensure competence and satisfaction.
Test different dilutions until you have the right strength. 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

Depending on the situation or level of contamination, dilute **Spirit Safe Acid** as follows…
Concrete paver colour restoration: Dilute at 10 parts clean water to 1 part **Spirit Safe Acid.** For heavy duty restoration on severely faded pavers dilute at 4 parts clean water to 1 part **Spirit Safe Acid.**
Light efflorescence and grout haze: Dilute at 20 parts clean water to 1 part **Spirit Safe Acid.** For heavy efflorescence and grout haze, dilutions up to 4 parts clean water to 1 part **Spirit Safe Acid** can be used.
Concrete cleaning: Dilute at 10 parts clean water to 1 part **Spirit Safe Acid** for light cleaning. For heavily soiled concrete, a dilution of 1 part clean water to 1 part Spirit Safe Acid can be used.

1. Pre-wet the area to be cleaned and then spread the solution over the area and agitate with a nylon scouring pad (a **Spirit Doodlebug** is ideal) firm bristled brush/broom, or rotary scrubbing machine with a nylon stripping pad. Do not let the solution dry, add more if it starts to dry out.
2. Remove the dirty water with a squeegee, dense mop, hose, or if available, the best method is to use a wet vac. Allow the area to dry completely to see the results.
3. Rinse the treated area thoroughly with **Amber Clean** at least twice at a dilution rate of 10 parts clean water to 1 part **Amber Clean** to help neutralise any residual acidity, and allow the area to dry completely before sealing is done.

Precautions

1. **DO NOT** mix **Spirit Safe Acid** with any other cleaners, as harmful fumes may result.
2. **Spirit Safe Acid** contains a powerful corrosion inhibitor to protect ferrous metals from attack, and is harmless to most to most paints and finishes. Even so, surrounding areas that are not intended to be cleaned must be protected from contact with the cleaner.
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 Safe Acid** 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 Safe Acid** will clean approximately 1-50m2.

CLEANER & SEALERS FOR THE TILING INDUSTRY