

S100 GROUT SEALER

Water based acrylic sealer formulated to protect cement grout joints. Leaves a natural look with low sheen.

PRODUCT CODE, SIZE & PACKAGING

Code: S100-05 500ml – 12 per case

Code: S100-04 4 liters - 4 per case



DIRECTIONS

PREVENTION MEASURES

PERSONAL SAFETY

Wearing of gloves, safety glasses and appropriate clothing to prevent skin contact when using the product is always recommended.

Please follow safety guidelines outlined in the "CAUTION" section indicated on the bottle (see hereunder).

NEIGHBORING AREA PROTECTION

Always protect the neighboring working area against unexpected contact with the product to avoid irreversible damage or alterations that could only be restored by its replacement.

PREREQUISITE CONDITIONS

Surface temperature should be between 15 and 30°C (59 and 86°F).

Do not confuse surface temperature with room temperature.

In some cases there can be an important gap between the temperature you can feel on a surface and the ambient temperature. For example, a surface directly exposed to sun light through a window will most likely be much warmer than the ambient air. Also, a surface in a basement or at ground level without a basement or with an unheated basement will be colder than the ambient air. In both those cases, the drying time will be affected hence affecting the strength and resistance of the sealer which could also remain sticky.

Underground humidity.

A high level of humidity under the surface will affect the sealer negatively because of the vapor pressure. The humidity released will push against the sealer on the surface, which will become sensitive to scratching, peeling or flaking off. More so, a whitish or grayish color will be visible from under the sealer, especially in the grout joints.

Test first on a small and adequate surface, to assess results.

- First time user, without preliminary testing.

Never use the product for the first time on a large area without preliminary testing. Usage of the sealer with no prior experience could end-up with an undesired result (visible defects, undesired finish or inadequate protection of the treated surface) which could have been caused by the application method used, the incompatibility between the sealer and the materials on which it was applied or the sealer's characteristics. In those cases, stripping off the sealer on a large area could prove strenuous and could have been avoided with prior testing on a small area. Even more, the removing process could damage or alter

RECOMMENDED SURFACES:

- Cement grout sanded or unsanded
- Floors & counters
- Residential, commercial and institutional applications
- Interior use

CHARACTERISTICS:

- Water based acrylic sealer
- Low sheen
- Low color enhancement
- Faint odor
- No ammonia
- Dries quickly
- No food transmission

RESTRICTIONS:

- Cannot be applied on epoxy grout
- Full strength protection is achieved only after the 28 day curing time
- Do not use in public showers

PERFORMANCE:

- Meets CHEMICAL RESISTANCE test CAN/CGSB-25.20-95 for floor surface sealers (Type 1).
- Meets Static Coefficient of Friction test ASTM D2047 for polished-coated floor surfaces.
- Expected sealer duration in normal conditions 3 to 5 years.

irreversibly the covering material that could only be restored by its replacement.

- Using the product on a new surface or on an unknown surface, without preliminary testing.

Even if you have used the product in the past, because covering manufacturers do modify occasionally the composition of their products, there could be, without your knowledge, presence of an incompatible substance that could be irreversibly damaged or altered or give unexpected end results that would only be restored by its replacement.

- Never apply the sealer on a dirty or soiled surface.

The application of the sealer on a dirty surface or on which there are remaining grout residues, will trap in the contaminants, leaving dirt apparent and make the maintenance very difficult.

- Do not apply the sealer on a waxed surface without prior removal.

Application of a coat of sealer on a waxed surface will not be appropriate. There won't be any penetration or adequate adherence, leaving the surface with apparent "fish eyes". Even more, the existing wax could become sticky. You will then have no other alternative but to strip off all coats of sealer and wax with the appropriate remover.

- Never apply the sealer over a penetrating sealer or an impregnating sealer without prior removal.

Application of a sealer on a surface previously treated with a penetrating sealer or an impregnating sealer will not be appropriate. There won't be any penetration or adequate adherence, leaving the surface with apparent "fish eyes". Even more, the existing sealer could become sticky. You will then have no other alternative but to strip off all coats of sealers with the appropriate remover.

- Sealer application in the course of a renovation project or a new constructions.

During the course of a renovation or a new construction, a sealed surface can be in contact with all kinds of contaminants or materials that will damage it. Assessing that the curing time is fully respected and that the protection is adequate and efficient is mandatory.

For example, badly adjusted or non waterproof cardboards on the floor will not prevent the penetration of contaminants that will ultimately damage the sealer during the course of the project.

More so, absence of adequate protection and/or insufficient curing time and/or installation mal practices will damage the sealer that will only be corrected by its removal and the application of new coats of sealer.

The absence of air circulation caused by more or less waterproof cardboards or plastic sheets with a high level of humidity coming from under the surface and a cool surface temperature will also affect the sealer's integrity and make it sticky or allow grout residues and other contaminants to migrate into the sealer during the course of the project.

Sealer removal and application of new coats of sealer will be necessary to correct the situation.

Therefore evaluation of the current situation should be done before hand to assess the relevancy of the protective measures and the capacity to apply them correctly. All this to avoid restoration work that can prove strenuous compared to leaving the surface unsealed during the course of the renovation or construction and needing to deep clean and seal at the end of the project.

METHOD OF APPLICATION

New grout: Allow proper curing before applying sealer (refer to manufacturer's recommendation, usually 7 to 28 days).

Surface recoating: Only on surfaces sealed with GROUT SEALER S100.

First, clean surface using MULTI-SURFACE NEUTRAL FLOOR CLEANER BR110 or GROUT & TILE CLEANER N305 as per recommendation. Let dry completely before applying 1 coat of sealer as described below.

Existing Installation: Cannot be applied on a surface previously sealed with a silicone type sealer, a penetrating or an impregnating sealer.

For surfaces previously sealed with a water based acrylic sealer, use HEAVY DUTY CLEANER PD1010.

For surfaces sealed with a solvent based acrylic sealer, use the REMOVER for SOLVENT BASED SEALERS PD1350.

LIMITATIONS:

-Regular maintenance may be required in high traffic areas
-Should not be applied on polished surfaces
-Low resistance to dishwashing soap

ENVIRONMENTAL DATA:

-Low VOC: 5gr/liter
-Biodegradable. In conformity with OCDE 301 E rule
-Meets Ecologic Environmental standards for Floor finishes & sealers

ACCESSORIES

-Artist paint brush
-sponge for spout insert

COVERAGE (1 coat)

500ml should cover 1/4 inch wide grout lines in 300ft² (30m²) room covered with 12 X 12 tiles.

REMOVER:

- HEAVY DUTY CLEANER PD1010

MAINTENANCE:

- MULTI-SURFACE NEUTRAL FLOOR CLEANER BR110
- GROUT & TILE CLEANER N305

Do not wash the surface before 7 days after application.

For surfaces previously sealed with a water based urethane sealer, use MULTI-PURPOSE REMOVER PD2020.

APPLICATION PROCEDURE

Remove the seal under the cap and cut the tip of the spout.

Insert a small piece of sponge into the extremity of the spout. Push the small piece of sponge to the end of the spout. This piece of sponge will hold back the sealer in the bottle when up-side down and allow an easier application by just squeezing the bottle to release some sealer.

Put the spout back into place and put the tip of the bottle on a grout joint.

Apply a coat of sealer by gently squeezing the bottle and taking it along the joints.

1 or 2 thin coats is usually sufficient.

Allow 30 to 45 minutes to dry between coats or until surface is totally dry.

Remove spills or excess on tiles with a damp cloth as soon as the sealer in the joints is dry to the touch. If it is too difficult, you may use HEAVY DUTY CLEANER PD1010.

Light circulation after 12 hours.

Normal circulation after 7 days.

Curing time: 28 days.

Do not wash the surface before 7 days after application of the sealer.

Application on vertical surfaces: For ease of application, we recommend using a penetrating sealer such as: PENETRATING SEALER PS670, PENETRATING SEALER MICROTECH PS400 or PENETRATING SEALER – COLOR ENHANCER PS480.

APPLICATION PROBLEMS

Appearance of uneven coating on the grout lines: Areas showing excess or shortage of sealer on the grout lines may happen.

Main causes are:

-This situation generally occurs because the surface porosity is uneven hence affecting the penetration of the sealer and creating an uneven look.

or

-Because of strong peaks and valleys on the surface of the grout lines favoring accumulation of sealer in the lower parts during the drying period.

Corrective measures:

In the case of an uneven finish on the grout surface without any apparent excess sealer

-Apply an additional thin coat of sealer

In the case of excess of sealer in the lower parts on the surface of the grout lines

-The excess sealer can be dry scuffed with a black nylon scuff pad TP250 and a thin coat of sealer can be applied afterwards to even out the appearance.

or

- Remove the sealer with HEAVY DUTY CLEANER PD1010 before applying new coats of sealer.

Excess sealer on the edges of the tiles, along the grout lines: Presence of sealer on the edges of the tiles along the grout lines will be seen when the sealer overflows on the tiles.

Main causes are:

-This situation generally occurs when a sponge or paint brush, wider than the grout line, is used to apply the sealer or when sealer is applied in large quantities, spreading out on to the tiles.

Corrective measures:

-the surface of the joints can be dry scuffed with a black nylon scuff pad TP250 to remove the excess sealer.

or

- Remove the sealer with HEAVY DUTY CLEANER PD1010

<p>SEALER EFFICIENCY VALIDATION</p> <p>The sealer protection should be adequate for many months. To evaluate if an additional coat of sealer is necessary, put a few drops of water on the surface and wait a few minutes. After this time, if water drops still bead and the color under the drops is not enhanced, then you can conclude that the surface is well protected and doesn't need any additional coatings. On the opposite, apply an additional coat of sealer as per recoating instructions.</p>	
<p>HANDLING & STORAGE</p> <p>Avoid freezing.</p> <p>Store in original container, well closed, in a dry area at room temperature.</p> <p>Do not waste excess sealer in sewers.</p> <p>Send them to an appropriate recycling center.</p> <p>Shelf life: 2 years in a tight closed container at a temperature between 10 and 30°C (50 and 86°F).</p>	<p>CAUTION</p> <p>MAY IRRITATE EYES Do not get in eyes. Do not get on skin or clothing. Keep out of reach of children.</p> <p>FIRST AID TREATMENT Contains an acrylic emulsion. If swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting. If in eyes, rinse with water for 20 minutes with eye lids open. If on skin, rinse well with water</p>
<p>TECHNICAL SUPPORT</p> <p>Communicate at info@saniten.ca or call 1-866-517-7662.</p> <p>N.B. All information here above is accurate. But having no control over the conditions of utilization of the product, we cannot assume any responsibility, legal or other, in regards of the results and/or any prejudice derived from.</p>	<p>Revised January 2017</p>