

GRANITESHINE

Non-slip water-based cream sealant
Cod. CP1GSCR

Revision n.1 IT
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Technical data sheet GRANITESHINE

DESCRIPTION

Non-slip water-based cream sealant for polishing granite, quartz, porcelain stoneware and siliceous materials

GRANITESHINE is a high-performance, water-based cream polish for use on granite, porcelain stoneware, quartz and siliceous materials in general. GRANITESHINE stands out for the deep, vitreous shine it is able to leave on surfaces, as well as its ability to definitively seal and close the pores on materials that were opened during the mechanical polishing process, which is the main cause of dirt build up on this type of surface. The results achieved with GRANITESHINE, both in terms of shine and dirt protection, are also extremely durable and resistant over time. This makes it the ideal solution to polish and maintain surfaces that are usually subject to continuous, intense foot traffic, where the product is also able to increase non-slip resistance on dry floor conditions.

GRANITESHINE makes it possible to achieve a higher level of shine than would be possible with just mechanical polishing, and its use brings out the full tone of natural materials, if this has been dulled over time. GRANITESHINE does not cause differences or defects from overlapping, once applied evenly over a whole surface.

GRANITESHINE contains no wax but it acts directly on the surface from a chemical and mechanical viewpoint.

GRANITESHINE, like all polishing creams by LMA, will maximise the effect of the polishing process, making the whole operation much simpler by effectively replacing the time-consuming final steps in the mechanical polishing process. This means it is possible for the operator not to have to use end-stage polishing grains which drastically cuts the time, energy, effort and the amount of water needed to complete the polishing process.

FEATURES AND BENEFITS

- ✓ Leaves a great **depth of shine** on treated surfaces
- ✓ Drastically **reduces the dirt on surfaces**
- ✓ Makes **cleaning operations much easier**
- ✓ **Does not change the surface hardness of the support**
- ✓ **Quick and easy application**
- ✓ **Even looking finished results**
- ✓ **Increases non-slip properties in dry conditions**
- ✓ **Sealing action on material porousness**
- ✓ **Increases surface resistance to foot traffic**
- ✓ **Polishing of siliceous surfaces with lower use of energy and resources**
- ✓ **Water-based product.**
- ✓ **Wax free**
- ✓ **No defects through overlapping**

USES

This product is **suitable** on both indoor and outdoor surfaces.

This product is **suitable** for use on: quartz-resin agglomerates, granite, polished porcelain stoneware.

GRANITESHINE is recommended to polish green marble, onyx marble, and all types of marble where polishing powders do not provide the desired results.

GRANITESHINE can also be used to polish sandstone, filled basaltina stone and slates, but only after treatment with a polisher using ultra-fine grain (above 3000). In this case, a prior water-repellent treatment may be needed. In case of application to particularly dark materials, we recommend considering the application of UNSLIPPY GRANITE with the addition of black pigments for a result with depth and evenness from a point of view of black colour, without the presence of any white dots.

GRANITESHINE can also be used to polish the resin part of resin-marble agglomerates, together with a powder polish treatment using a powder for marble.

GRANITESHINE can also be used to buff cement flooring after a mechanical polishing applied to a surface consolidated with a special consolidating primer (CONCRETE HARDENER)

COVERAGE

De 50 a 70 m²/Kg

APPLICATION EQUIPMENT

Single disc machine, which has a power of 2 HP (2.2 HP is preferable); Manual rotary brush.

GRANITESHINE is a white solid compound. It can be returned to its creamy state by shaking the container. Different consistencies will in no way affect the finished results. The product can be applied in both its solid or creamy states, since the rotary action of the polishing machine will in any case return the product to its creamy consistency.

APPLICATION STEPS

Preparing and cleaning the surface

1. Carefully clean the surface, making sure to remove any dust or dirt present.
2. We recommend proceeding to apply the product in stages, covering surfaces approximately 1 m² at a time.
3. Never apply GRANITESHINE to wet surfaces. GRANITESHINE can be used on slightly damp surfaces; therefore, please ensure that the surface to be treated is as dry as possible.
4. Apply GRANITESHINE to surfaces with a temperature of between +5 and +40°C
5. Any adjacent surfaces not being treated with the product must be protected.
6. Pour a small amount of product directly onto the area to be polished. Generally, about 2/3 spoonfuls of product are enough to polish a surface area of 1 m².
7. As soon as the product has been poured on, proceed to apply it to the surface using the single disc machine, fitted with white pad and set to between 150 and 200 r.p.m. Pass the single disc machine using concentric movements so as to distribute the product evenly over the whole section being treated.
8. Continue to polish the same area until the product has dried completely (Dry Buffing technique), taking care to broaden the movements outwards from the centre of the section so as to cover the whole area evenly.

9. Pass on to the next section, repeating the polishing treatment process as described above.
10. After treating all of the surface areas, remove any steel wool residues from the surface using a dry or damp cloth, a vacuum cleaner or a broom.

For better shine or to increase the sealing action of the material and therefore, its resistance to dirt, repeat the application of the product following the same method stated above. Generally, we recommend treating the same area with 2-3 applications of product, as required.

The product formulation will not cause overlap blemishes and therefore, once the maximum surface shine has been achieved, there will be no difference or defects between the various areas treated separately.

For **buffing after polishing** and to **restore shine** on particularly worn surfaces, treat with at least 2-3 applications of product per area.

For **maintenance polishing** treat with 1-2 applications of product per area.

Drying time

After the product is completely dry, no further waiting time is necessary.

Opening to floor traffic

After the product is completely dry, the floor can be opened for use.

INSTRUCTIONS AND GUIDELINES

- Never apply the product to a wet surface
- Do not apply the product to overly heated surfaces
- Apply the product to surfaces with a temperature of between +5 and +40°C
- When applying to recently laid or grouted surfaces, wait for the adhesive or grout to cure completely.
- Before applying the product to the whole surface, it is advisable to test a small, unexposed area or unused piece to check its suitability for use.

EQUIPMENT CLEANING

At the end of application, the equipment used can be washed using water.

SAFETY

When applying the product, always use suitable personal protective equipment and follow the instructions on the product safety data sheet with care.

PHYSICAL AND TECHNICAL INFORMATION AND HAZARD IDENTIFICATION

Appearance:	Cream
Color:	White
Smell:	Odourless
pH:	3,0 ± 0,5



H302	Harmful if swallowed.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure <i>exposure cause the hazard</i> >.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash ... thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

STOCK AND SHELF LIFE

Keep the container tightly closed and store in a cool, dry place.
24 months in the original, sealed packaging, stored in a cool, dry place.

LIMITS OF LIABILITY

All information contained in this sheet is based on information that we believe to be reliable; however, not knowing the conditions of the treated materials and the way in which the product is used, LMA declines any responsibility for the adequacy of the material for each particular application. In order to avoid any inconvenience, it is advisable to carry out a test on a small portion before carrying out treatments or cleaning the surfaces. Our liability is limited to the cost of the purchased product and therefore is not liable for damages caused by negligence or incorrect use of the product.



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