SPIRIT PRE SEAL

Technical Data Sheet

Product Description

A water based penetrating sealer used for reducing the porosity of moisture sensitive stone and tiles during the laying process. Fantastic for use as a grout release on hard to grout surfaces, or as a high-performance water repelling sealer for projects where oil staining is not required.

Waterbased	Penetrating (impregnating) Sealer	Can be used in wet areas (showers & water features)	Can be used on polished surfaces	Can be used internally or externally
YES	YES	YES	YES*	BOTH
Allows Moisture Vapour Transmission	**Repels Oil & Water**	**Alters appearance**	**Alter slip resistance**	**Can be used prior to grouting**
YES	WATER ONLY	NO	NO	YES

*Excess sealer may cause a white haze to form if not removed at the time of sealing.

Where to Use

Internal and external porous tile, stone & concrete surfaces.

- Natural stones such as sandstone, travertine, limestone & marble
- Terracotta, terrazzo, concrete & clay pavers, concrete blocks
- Concrete floors

Where NOT to Use it

- On the face of bluestone/basalt (for pre-sealing of Bluestone, contact Amber for advice)

Expected Wear

Weather conditions, location & harsh cleaning methods using high pressure cleaners, high-alkaline, acid or solvent-based cleaners will affect the long-term performance of the sealer and may even damage the substrate. Following the appropriate **Amber Guide** relating to your substrate will ensure the very best protection.

Available Sizes 1L, 4L, 15L, 25L Dr

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APPLICATION OF PRE SEAL

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

Testing instructions



For new installations the test should be carried out on a spare piece of stone. For stone that has a lot of colour variation, it is advised to test on two different pieces, preferably one lighter and one darker. Put some painters tape down the middle of the test pieces. Using a dry absorbent white cloth, seal only one half to get an idea if there is any colour change, keeping in mind that penetrating sealers may slightly darken or lighten the stone. Follow the how to use guide below. Allow the sealed stone to cure for a minimum 12-24 hours before testing the water resistance.

Note: The testing phase is extremely important as it allows you to determine if you are satisfied with the finished look. For existing areas, test in an inconspicuous area.
If you are unsure about any of the above contact Amber Tiles before commencing.

How to use

1. The surface to be sealed must be clean and completely dry before sealing is done.
2. Apply **Spirit Pre Seal** evenly with a microfibre applicator, garden pump sprayer or dry absorbent white cloth.
3. Using a dry white cloth, remove any excess sealer that hasn't penetrated into the stone after 5 minutes. If excess sealer is left to dry on the surface, a white hazy bloom may form. In the case of excess drying on the surface, see to it as quickly as possible with **Spirit HDC** and or **Spirit Porcelain Crème**. If left for too long, mechanical removal may be required.
4. **Spirit Pre Seal** only requires 1 coat. If the surface is extremely porous, a second coat may be applied, or dip-sealing may be necessary to achieve maximum performance.
5. If dip-sealing is done, do not stack the stone on top of or against each other. Stack them in a way that the stone can breathe.
6. For vertical application, apply **Spirit Pre Seal** from the bottom up to prevent the sealer from leaving run marks down the wall.
7. Curing takes 24 hours, but the sealed area can see foot traffic after approximately 2-4 hours depending on the porosity of the stone and the weather conditions.
8. It is very important that no water (including rain) comes into contact with newly sealed surfaces for a minimum of 4 hours after sealing. It is advised to check weather conditions prior to sealing exposed outdoor areas.
9. **Spirit Pre Seal** can be used as a grout release for hard to grout surfaces.

Precautions

1. **Spirit Pre Seal** should only be applied in temperatures between 10-25 degrees Celsius.
2. All surrounding areas that are not intended to be sealed must be protected from contact with the sealer. If spraying, avoid doing so in windy conditions to control overspray.
3. **DO NOT** use **Spirit Pre Seal** to seal the face of bluestone/basalt. The tiny pin holes in the face of basalt can fill with the sealer and dry, leaving behind the white hazy excess as described in step 3 of the how to use guide. It is ok to seal the back and the sides. For pre-sealing the face of bluestone/basalt, use **Spirit NPS** or **Amber Water Based Sealer**.
4. **DO NOT** use rapid set adhesives to install any stone that has had the back side pre-sealed, or if it has been dip-sealed.

Coverage Depends on the porosity of the surface, temperature and method of application. **Note**: Only 1 coat is necessary. For dip-sealing, halve the coverage rates listed below.
Approximate coverage rates per litre are as follows: **Only 1 coat is required.**
sandstone / **concrete pavers** / **concrete blocks** / **terracotta**: 4-6m2
limestone / **marble** / **travertine** / **terrazzo**: 8-10m2
Clean up tools after application with water.

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