



## SPIRIT NPS

### Technical Data Sheet

#### **Product Description**

A solvent-based penetrating sealer that provides a natural-look finish with long life benefits. Ideal for use on dense stones, **Spirit NPS** provides excellent protection from oil & waterborne staining.

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

#### **Where to Use**

Internal & external porous tile, stone & concrete surfaces.

- Natural stones such as travertine, limestone, marble, bluestone, sandstone, granite, quartz
- Terracotta, terrazzo, concrete & clay pavers
- Polished concrete surfaces
- Porous porcelain tiles

#### **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 **Spirit Guide** relating to your substrate will ensure the very best protection.

#### **Available Sizes**

1L, 4L, 10L & 20L Drums

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## APPLICATION OF NPS

**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 of 48 hours before testing the water resistance, and preferably 72 hours before testing the oil 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 Spirit Sealers before commencing.

### How to use

1. The surface to be sealed must be clean and completely dry before sealing is done.
2. Apply **Spirit NPS** evenly with a microfibre applicator, solvent-resistant sprayer or a dry absorbent white cloth.
3. To ensure total and even coverage, apply the first coat in a North/South direction and the second coat in an East/West direction.
4. Using a dry white cloth, remove any excess sealer that hasn't penetrated into the stone after 10-15 minutes. Apply a second coat after approximately 1 hour and again remove any excess sealer after 10-15 minutes.
5. If more coats are applied, be sure to remove the excess as outlined in step 4.
6. For vertical application, apply **Spirit NPS** 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 1 hour 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 2-4 hours after sealing. It is advised to check weather conditions prior to sealing exposed outdoor areas.

### Precautions

1. **Spirit NPS** 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. Cleaning solvents may be necessary to remove accidental application. If spraying, avoid doing so in windy conditions to control overspray.
3. Excess sealer can be buffed off using a clean white rag dipped in some of the sealer.
4. Use only in well ventilated areas, remove pets and ensure no foods are exposed while sealing.
5. Appropriate gloves, goggles, and a long-sleeved shirt must be worn during application along with an approved organic respirator while sealing.

**Coverage** Depends on the porosity of the surface, temperature and method of application. Approximate coverage rates per litre are as follows: **sandstone / concrete pavers:** 4-6m<sup>2</sup>, **limestone / marble / travertine / granite / terrazzo:** 8-10m<sup>2</sup>, **tessellated / vitrified tile / porous porcelain tile:** 10-12 m<sup>2</sup>.

Clean up tools after application with methylated spirits

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