



## TECHNICAL DATA SHEET

### STRONGBOND POROUS SUBSTRATE PRIMER SB813

# STRONGBOND POROUS SUBSTRATE PRIMER SB813

#### PRODUCT DESCRIPTION

**STRONGBOND POROUS SUBSTRATE PRIMER SB813** is a water-based acrylic primer used for porous substrates such as concrete slabs, cement mortars or underlayments. It effectively seals pores, reduces absorbency, and improves the adhesion between the substrate and subsequent layers. After applying the primer, self-levelling applications can proceed.

#### KEY BENEFITS AND FEATURES

##### **STRONGBOND POROUS SUBSTRATE PRIMER SB813**

- ✓ Creates a perfect bonding environment for STRONGBOND Mortars and levelling compounds
- ✓ Easily applied
- ✓ Economical and practical solution for both small and large-area applications

#### SUITABLE APPLICATIONS

**STRONGBOND POROUS SUBSTRATE PRIMER SB813** is suitable for the below listed substrates:

- ✓ Concrete slabs
- ✓ Cement Mortars or underlayments

#### APPLICATION INSTRUCTIONS

**PLEASE READ THIS TECHNICAL DATA SHEET THOROUGHLY PRIOR TO APPLYING THE PRODUCT**

**ALL WORKS TO BE IN STRICT ACCORDANCE WITH, BUT NOT LIMITED TO ANY CURRENT AND RELEVANT BUILDING CODES SUCH AS NZS 3114 AND NZS 3604 AND CURRENT FLOORING STANDARDS (NZS AS 1884).**

#### SUBSTRATE PREPARATION

The substrate must be compliant, structurally sound, clean, dry and free from contaminants such as grease, oil, dirt, dust, curing compounds, waxes, sealers, efflorescence, or any other foreign matter that may act as a bond-breaker. To ensure maximum bonding strength to the substrate, surface contaminants should be removed by mechanical methods such as grinding or shot blasting to achieve the required CSP (Concrete Surface Profile). Substrate cracks **MUST** be identified by type and appropriately remediated prior to the installation of any **STRONGBOND** cementitious repair, feathering or levelling compounds. Concrete substrates must be dry according to NZS AS 1884 and fully cured that are a minimum of 28 days old. Smooth concrete surfaces need to be roughened or scarified to achieve the appropriate CSP (Concrete Surface Profile). Concrete must be fully cured and treated for any hydrostatic moisture, rising damp or construction moisture as required prior to the installation of subsequent **STRONGBOND** preparation products.



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#### MIXING AND APPLICATION

✓ **FOR MEDIUM POROSITY SUBSTRATE TREATMENT:**

Dilute 1 part of **STRONGBOND POROUS SUBSTRATE PRIMER SB813** with 1 part water. Mix and apply with a TradieCare Polyester Roller Sleeve or soft bristle broom. Ensure the primer is fully dry and is worked into the surface before applying self-levelling compound.

✓ **FOR HIGH POROSITY SUBSTRATE TREATMENT:**

Dilute 1 part of **STRONGBOND POROUS SUBSTRATE PRIMER SB813** with 3 parts water for the first coat and apply with a TradieCare Polyester Roller Sleeve or soft bristle broom. Ensure the first coat is dry before applying the second coat and that the primer is worked into the surface. Then dilute 1 part of **STRONGBOND POROUS SUBSTRATE PRIMER SB813** with 1 part water for the second coat and apply with a TradieCare Polyester Roller Sleeve or soft bristle broom. Ensure the second coat is fully dry before applying self-levelling compound.

Ensure the primer does not form puddles on the substrate and dries fully before proceeding to the next step.

Subsequent **STRONGBOND** compounds **MUST** be applied over adequately dried primer within a 24 hour period otherwise another coat of primer is required.

**Note:** *The mixing ratio and application requirement of the primer is subject to the substrate's porosity.*

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#### COVERAGE GUIDE

Each 5 L pail of **STRONGBOND POROUS SUBSTRATE PRIMER SB813** can cover approximately 33-50 m<sup>2</sup> (100-150gsm). Consumption subject to substrate porosity, application requirements, mixing ratios and site conditions.

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#### LIMITATIONS

- ✓ Use only when the substrate and ambient temperatures are between 10°C and 35°C.
- ✓ Avoid primer freezing and thawing
- ✓ Used for interior installations only.
- ✓ Substrates **MUST** be mechanically prepared to achieve the correct CSP, chemical etching is **NOT** an acceptable method.
- ✓ Subfloors must be dry in accordance with **NZS AS 1884** and correctly primed where required to ensure a successful installation. Any full penetrations that are direct-to-earth must be protected by a compliant and effective damp-proof membrane.
- ✓ **STRONGBOND POROUS SUBSTRATE PRIMER SB813** can be used over cured, dry concrete slabs that are a minimum of 28 days old.



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- ✓ **STRONGBOND POROUS SUBSTRATE PRIMER SB813** is not a moisture-vapor barrier. If no further application is performed within 24 hours after **STRONGBOND POROUS SUBSTRATE PRIMER SB813** has dried, a second coat of **STRONGBOND POROUS SUBSTRATE PRIMER SB813** will be required.
- ✓ **DO NOT USE STRONGBOND POROUS SUBSTRATE PRIMER SB813** as an admixture to STRONGBOND cement-based products.
- ✓ Surfaces primed with **STRONGBOND POROUS SUBSTRATE PRIMER SB813** should be allowed to dry (minimum 1 to 2 hours and maximum 24 hours). For lower temperatures or humid conditions, always allow a minimum of 2 hours dry time.

#### CLEANING

Use water to clean tools and equipment while the product is still wet/fresh.

#### PACKAGING AND STORAGE

Available in 5 Litre plastic pail.

Shelf life is 12 months from production date if stored unopened in a cool, dry indoor environment, protected from moisture.

#### TECHNICAL DATA

Packaging	5 Litre Pail
Color	Off White
Density	1.0 kg/L
Solid Content	≥17%
Dry Time	1-2 hr
Formaldehyde	0 g/litre
VOC	≤10 g/L

**Note:** Above statistics are indicative only and may vary according to temperature, humidity, substrate porosity, application requirement and site conditions.



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#### **SAFETY INFORMATION**

#### **PLEASE READ THE SAFETY DATA SHEET THOROUGHLY PRIOR TO APPLYING THE PRODUCT**

Safety Data Sheet (SDS) is available on request or online on [www.lookfloors.co.nz](http://www.lookfloors.co.nz)

Ensure suitable PPE (Personal Protective Equipment) such as protective gloves, respiratory, face, skin and eye protection are worn at all times while handling this product. Avoid inhaling dust, fumes, gas, mist, vapours or spray. Avoid contact with eyes and skin. If this product comes in contact with skin, rinse with soap and plenty of water. If product comes in contact with eyes, wash out immediately with water. Ensure adequate ventilation during mixing and application. Wash contaminated clothing before reuse. Keep out of the reach of children. Call a doctor if you feel unwell or contact National Poisons Centre on 0800 764 766.

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#### **Disclaimer**

The information provided is based on our current knowledge, laboratory testing, and experience with the product under standard conditions. It is intended as a general guide for the safe handling, use, storage, and application of the product described. Because materials, conditions, and methods of use are beyond our control, the manufacturer makes no warranty, expressed or implied, regarding the accuracy, completeness, or suitability of this information for any particular purpose. Users are responsible for ensuring that the product is suitable for their intended application and for complying with all applicable laws, regulations, standards, and best practices. The manufacturer shall not be liable for any loss, damage, or injury resulting from improper use of the product or failure to follow the recommendations provided herein. The manufacturer reserves the right to modify the product specifications and information contained in this document without prior notice.

