

TECHNICAL DATA SHEET

STRONGBOND MULTI SUBSTRATE PRIMER SB053

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PRODUCT DESCRIPTION

STRONGBOND MULTI SUBSTRATE PRIMER SB053 is a premium, acrylic single-component porous and non-porous primer, specifically designed for use with **STRONGBOND** self-levelling and repair mortar compounds and adhesives. **STRONGBOND MULTI SUBSTRATE PRIMER SB053's** deep-penetrating formulation and can be used on a wide variety of substrates including concrete and timber. **STRONGBOND MULTI SUBSTRATE PRIMER SB053** is rapid-drying and suited for use on both porous and non-porous substrates.

KEY BENEFITS AND FEATURES

STRONGBOND MULTI SUBSTRATE PRIMER SB053

- ✓ High solids content
- ✓ Quick drying
- ✓ Water-based and VOC compliant
- ✓ Very low odour
- ✓ Enables adhesion of Strongbond Self-Levelling compounds, Repair Mortars and Further Finish
- ✓ Excellent deep penetration into substrate
- ✓ Tenacious bond strength to a variety of surfaces

SUITABLE APPLICATIONS

STRONGBOND MULTI SUBSTRATE PRIMER SB053 is suitable for porous and non-porous substrates:

- ✓ Concrete slabs
- ✓ Cement Mortars or underlayments
- ✓ Structurally Rated, Flooring Grade Plywood
- ✓ PVC Waste Flanges or Tubing such as conduit

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 **MUST** be removed by mechanical methods such as grinding or shot blasting to achieve the required CSP (Concrete Surface Profile).

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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, existing glazed tile, terrazzo, or polished stone 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.

MIXING, APPLICATION AND COVERAGE GUIDE

CONCRETE SUBSTRATE	
Dilution Ratio	1Part STRONGBOND MULTI SUBSTRATE PRIMER SB053 , 1 Part Water
Coverage Guide	50-75 m2 per 5 L of STRONGBOND MULTI SUBSTRATE PRIMER SB053
Application	Dilute 1 Part STRONGBOND MULTI SUBSTRATE PRIMER SB053 with 1 Part water and mix thoroughly. Apply primer with TradieCare Polyester Roller Sleeve or soft bristle broom. Leave no bare spots or puddles. Broom out any excess primer if puddling occurs while drying. Allow the primer to dry before placing material (minimum 1 hour and maximum 24 hours).
WOOD SUBSTRATE (STRUCTURAL, FLOORING GRADE)	
Dilution Ratio	Undiluted
Coverage Guide	30-40 m2 per 5 L of STRONGBOND MULTI SUBSTRATE PRIMER SB053
Application	Apply STRONGBOND MULTI SUBSTRATE PRIMER SB053 undiluted using a TradieCare Polyester Roller Sleeve or soft bristle broom. Leave no bare spots and roll out to dry before placing material (minimum 2 hours and maximum 24 hours).
HIGHLY POROUS SUBSTRATES & MORTAR	
Dilution Ratio	1st Coat: 1 Part STRONGBOND MULTI SUBSTRATE PRIMER SB053 , 3 Parts Water 2nd Coat: 1 Part STRONGBOND MULTI SUBSTRATE PRIMER SB053 , 1 Part Water
Coverage Guide	1st Coat: 50-75 m2 per 5 L of STRONGBOND MULTI SUBSTRATE PRIMER SB053 2nd Coat: 80 m2 per 5 L of STRONGBOND MULTI SUBSTRATE PRIMER SB053

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Application	1st Coat: Dilute 1 Part of STRONGBOND MULTI SUBSTRATE PRIMER SB053 with 3 Parts clean water and mix thoroughly. Apply primer with TradieCare Polyester Roller Sleeve or soft bristle broom. Leave no bare spots or puddles. Broom out any excess primer if puddling occurs while drying. Allow the 1st coat to dry before applying the second coat (minimum 1 hour). 2nd Coat: Dilute 1 Part of STRONGBOND MULTI SUBSTRATE PRIMER SB053 with 1 Part water. Mix thoroughly and repeat application steps listed above; allow to dry before placing material (minimum 2 hours and maximum 24 hours).
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Note: Coverage shown is for reference only. Actual coverage may vary and is subject to site conditions.

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 MULTI SUBSTRATE PRIMER SB053** can be used over cured, dry concrete slabs that are a minimum of 28 days old
- ✓ **STRONGBOND MULTI SUBSTRATE PRIMER SB053** is not a moisture-vapor barrier. If no further application is performed within 24 hours after **STRONGBOND MULTI SUBSTRATE PRIMER SB053** has dried, a second coat of **STRONGBOND MULTI SUBSTRATE PRIMER SB053** will be required.
- ✓ **DO NOT USE STRONGBOND MULTI SUBSTRATE PRIMER SB053** as an admixture to **STRONGBOND** cement-based products.
- ✓ Surfaces primed with **STRONGBOND MULTI SUBSTRATE PRIMER SB053** should be allowed to dry (minimum 1 to 2 hours and maximum 24 hours). For lower temperatures or humid conditions, and/or non-porous substrates, always allow a minimum of 2 hours.

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.

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Packaging	5 Litre Pail
Colour	Off White
Density	1.07 kg/L
Solid Content	≥19%
Dry Time	1-2 hours
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.

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

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.

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.

For more information, please check www.lookfloors.co.nz

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This data sheet replaces all previous versions