

TECHNICAL DATA SHEET

STRONGBOND PREMIUM SELF-LEVELLING SB236

STRONGBOND PREMIUM SELF-LEVELLING SB236

COMMERCIAL LEVELLING COMPOUND

- ✓ 1mm TO 40mm OVER CONCRETE
- ✓ 3mm TO 10mm OVER TIMBER
- ✓ EASY TO MIX & APPLY
- ✓ FAST DRYING AND CURING
- ✓ READY TO RECEIVE RESILIENT FLOOR COVERINGS IN AS LITTLE AS 16 HOURS

PRODUCT DESCRIPTION

STRONGBOND PREMIUM SELF-LEVELLING SB236 is a versatile, quick-setting and high-flow cement based self-levelling underlayment that combines the versatility of a self-levelling underlayment that easily levels floors prior to the installation of ceramic tile, natural stone tile, resilient flooring, carpets, timber, and other common floor coverings. This high-strength, easy-to-install underlayment is shrinkage compensated, which effectively eliminates installation problems such as bond failure, crumbling, and staining of resilient flooring caused by the free moisture commonly found in traditional, portland cement-based underlayment.

KEY BENEFITS AND FEATURES

- ✓ Apply from 1mm to 40mm over concrete in a single pour.
- ✓ Apply from 3mm to 10mm over Timber.
- ✓ Fast Drying and curing.
- ✓ Pumpable, self-levelling formulation that is easy to handle and apply.
- ✓ For internal applications only.
- ✓ Ready to receive tiles after approximately 4 hours.
- ✓ Ready to receive resilient floor coverings after approximately 16 hours.
- ✓ Ready to receive timber or parquet flooring after approximately 72 hours.

SUITABLE APPLICATIONS

STRONGBOND PREMIUM SELF-LEVELLING SB236 is suitable for use over the following substrates:

- ✓ Concrete.
- ✓ Lightweight concrete, subject to its compressive strength and the intended floor finish. Consult your local Look Floors representative for technical advice before use.
- ✓ Structural, Flooring Grade Plywood and OSB.

STRONGBOND PREMIUM SELF-LEVELLING SB236 is suited to underfloor-heating applications. Consult your Look Floors representative for technical advice.

STRONGBOND PREMIUM SELF-LEVELLING SB236 is a self-levelling compound for levelling and repairing floors before the installation of suitable floor coverings listed below.

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| ✓ Carpet and carpet tiles | ✓ Laminate flooring |
| ✓ Timber and parquet flooring | ✓ Ceramic, mosaic, quarry or cement-body tile |
| ✓ Luxury vinyl tiles/planks (LVT/LVP) | ✓ Impervious porcelain and glass tile |
| ✓ Vinyl composition tiles (VCT) | ✓ Natural stone tile |
| ✓ Sheet vinyl and rubber flooring | ✓ Low-Build Epoxy Roll-Coats |

APPLICATION INSTRUCTIONS

PLEASE READ THIS TECHNICAL DATA SHEET THOROUGHLY BEFORE APPLYING THE PRODUCT.

ALL WORK MUST BE COMPLETED IN ACCORDANCE WITH ALL CURRENT AND RELEVANT BUILDING CODES AND FLOORING STANDARDS, INCLUDING NZS 3114, NZS 3604 AND NZS AS 1884, WHERE APPLICABLE.

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 and any other foreign matter that could impair adhesion. To ensure maximum bonding strength, mechanically remove surface contaminants by grinding or shot blasting to achieve the required Concrete Surface Profile (CSP). Cracks must be classified as structural, non-structural, dormant or active and appropriately remediated before installation.

Concrete substrates must be fully cured and at least 28 days old. All substrate moisture levels must comply with NZS AS 1884 and the requirements of the selected floor-covering manufacturer. Treat hydrostatic moisture, rising damp or construction moisture as required before installing **STRONGBOND PREMIUM SELF-LEVELLING SB236**. Concrete surfaces must have a tensile strength in excess of 1.5 MPa. Concrete treated with curing compounds must be evaluated for suitability and then mechanically prepared.

PRIMING REQUIREMENT

Priming is required before installing **STRONGBOND PREMIUM SELF-LEVELLING SB236**. Select the correct primer and application method according to substrate type, porosity and site conditions. Apply a complete and uniform coat of either **STRONGBOND MULTI SUBSTRATE PRIMER SB053** or **STRONGBOND POROUS SUBSTRATE PRIMER SB813**. Refer to the relevant product Technical Data Sheets for substrate compatibility, detailed application instructions and requirements.

MIXING AND APPLICATION

Add 4.0–4.2 Litres of clean water to a clean, dust-free DelivaMix mixing bucket. Slowly add the contents of the 20kg bag and mix with a suitable drill and paddle at 600–650 rpm for a minimum of 2 minutes, until a lump-free consistency is achieved. Do not overmix or use more or less water than specified. Once correctly mixed, immediately

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pour the compound and spread it with a gauge rake to the desired thickness. Immediately after placing the compound, use a stand-up trowel to distribute the material, then use a Strongbond spiked roller to release air bubbles and produce a uniform finish. Maintain a wet edge throughout application.

If a second layer is required, one of the following two methods may be adopted:

A. Immediate Method - For a faster installation, apply the second layer as soon as the first is hard enough to walk on. Re-priming is not required. While this method is quicker, the finished surface will be more prone to air holes.

B. After-Dry Method - For a smoother finish, wait at least 16 hours for the first pour to dry. Then, apply a coat of **STRONGBOND MULTI SUBSTRATE PRIMER SB053** or **STRONGBOND POROUS SUBSTRATE PRIMER SB813** by a roller or soft bristle broom, wait for it to dry then pour a second layer of Self-leveller.

*(Note: Additional Layers **Must** not be thicker than the initial layer applied)*

DRY TIMES

STRONGBOND PREMIUM SELF-LEVELLING SB236 is walkable in as little as 2 hours, ready to receive tiles after approximately 4 hours, resilient floor coverings after approximately 16 hours, and timber or parquet flooring after approximately 72 hours. Drying and curing times may vary depending on temperature, humidity and application thickness.

SUBSTRATE CRACKS

Cracks must be identified by type (structural, non-structural, dormant or active.) Once identified, all cracks must be appropriately treated before applying **STRONGBOND PREMIUM SELF-LEVELLING SB236**. Consult your Look Floors representative for further information and technical advice.

LIMITATIONS

- ✓ For use in interior, dry areas only.
- ✓ Ambient, substrate and product-mixture temperatures must be between 10°C and 35°C.
- ✓ Concrete must be fully cured and treated for hydrostatic moisture, rising damp or construction moisture as required before installation. It must be dry in accordance with NZS AS 1884.
- ✓ Mixing water should be maintained at room temperature. Ensure substrates are free from condensation, particularly in conditions of high humidity. High humidity may affect surface drying and final results.
- ✓ **DO NOT** apply **STRONGBOND PREMIUM SELF-LEVELLING SB236** over a non-compliant or structurally unsound substrate, or over a gypsum-based underlayment.
- ✓ **STRONGBOND PREMIUM SELF-LEVELLING SB236** is not a moisture barrier. Where protection against moisture is required, install a suitable moisture-barrier system before applying the product.
- ✓ **DO NOT** bond directly to solid timber, low-grade particleboard, parquet, cushion- or sponge-backed vinyl flooring, metal, fibreglass or plastic. Consult your Look Floors representative for technical advice.
- ✓ **DO NOT** use **STRONGBOND PREMIUM SELF-LEVELLING SB236** as a final wearing or trafficable surface.

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CLEANING

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

PACKAGING AND STORAGE

Available in 20 kg moisture-resistant paper valve bags. Shelf life is 12 months from the production date when stored unopened in a cool, dry indoor environment protected from moisture and sunlight.

TECHNICAL DATA

Water–powder ratios	20 kg powder : 4.0–4.2 Litres of clean water
Application thickness - Concrete	1–40 mm per application
Application thickness – plywood/OSB	3-10 mm
Pot life (in bucket)	Approximately 20 minutes
Walkable	After approximately 2 hours
Ceramic tiles	After approximately 4 hours
Resilient floor coverings	After approximately 16 hours
Timber and parquet flooring	After approximately 72 hours
Initial flow	≥ 135 mm
Final flow (20 minutes)	≥ 130 mm
Compressive strength (6 hours)	≥ 6 MPa
Compressive strength (24 hours)	≥ 18 MPa
Compressive strength (28 days)	≥ 30 MPa
Flexural strength (28 days)	≥ 6 MPa
Tensile adhesive strength	≥ 1.5 MPa
Dry-powder density	Approximately 1.3 kg/L
Weight of fresh mortar	Approximately 2.1 kg/L
Mixed-product yield	Approximately 12 Litre yield
Installation temperature range	10–35°C

Note: The above technical data is indicative only and may vary depending on temperature, humidity, substrate porosity, application thickness and site conditions.

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COVERAGE GUIDE

Approximate coverage per 20 kg bag of **STRONGBOND PREMIUM SELF-LEVELLING SB236** under typical substrate and installation conditions.

APPLIED THICKNESS	LEVELLING COVERAGE GUIDE
6 mm	2 m ²
3 mm	4 m ²

Note: Coverage shown is for reference only. Actual coverage may vary and is subject to site conditions.

SAFETY INFORMATION

PLEASE READ THE SAFETY DATA SHEET THOROUGHLY BEFORE APPLYING THE PRODUCT.

The Safety Data Sheet (SDS) is available on request or online at www.lookfloors.co.nz

Wear suitable personal protective equipment, including protective gloves, eye protection, protective clothing and appropriate respiratory protection, while mixing and handling the product. Avoid inhaling dust, fumes, gas, mist, vapours or spray. Avoid contact with the eyes and skin. If the product comes into contact with the skin, wash with soap and plenty of water. If the product comes into contact with the eyes, rinse immediately with water. Ensure adequate ventilation during mixing and application. Wash contaminated clothing before reuse. Keep out of reach of children. Call a doctor if you feel unwell, or contact the 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 supplier makes no warranty, express 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 supplier shall not be liable for any loss, damage or injury resulting from improper use of the product or failure to follow the recommendations provided. The supplier reserves the right to modify the product specifications and information contained in this document without prior notice.

For further information, visit www.lookfloors.co.nz.

17 September 2026

This data sheet replaces all previous versions.