Flooring Wholesale Ltd
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TECHNICAL DATA SHEET

STRONGBOND LEVELLING & REPAIR SB032

STRONGBOND LEVELLING & REPAIR SB032

COMMERCIAL LEVELLING & REPAIR COMPOUND

- ✓ **FAST DRYING**
- ✓ **EASY TO MIX & APPLY**
- ✓ **MULTI-PURPOSE (REPAIR MORTAR & LEVELLER)**
- ✓ **READY TO RECEIVE RESILIENT FLOOR COVERINGS IN AS LITTLE AS 16 HOURS**
- ✓ **APPLY FROM 1 MM TO 20MM OVER CONCRETE WHEN USED NEAT**
- ✓ **APPLY AT THICKNESSES GREATER THAN 20MM AND UP TO 80MM OVER CONCRETE WHEN BULKED WITH 3–6MM WASHED P-METAL**
- ✓ **APPLY FROM 3MM TO 10MM OVER APPROVED PLYWOOD OR OSB**

PRODUCT DESCRIPTION

STRONGBOND LEVELLING & REPAIR SB032 is an advanced, dual-purpose, fibre-reinforced compound that combines the versatility of a self-levelling underlayment with the functionality of a repair mortar, providing a highly versatile solution for substrate preparation.
Engineered for fast curing, high early strength and ease of application, **STRONGBOND LEVELLING & REPAIR SB032** delivers reliable results across a wide range of installation needs. It 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. **STRONGBOND LEVELLING & REPAIR SB032** offers a smarter, cleaner approach to substrate repair and smoothing.

KEY BENEFITS AND FEATURES

- ✓ Apply from 1 mm to 20mm over concrete when used neat, or greater than 20mm and up to 80mm when bulked 1:1 by weight with 3–6mm washed P-metal.
- ✓ Apply from 3mm to 10mm over approved plywood or OSB substrates.
- ✓ 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 LEVELLING & REPAIR SB032 is suitable for use over the following substrates:

- ✓ Concrete, structural flooring-grade plywood and OSB.
- ✓ Lightweight concrete, subject to its compressive strength and the intended floor finish. Consult your local Look Floors representative for technical advice before use.

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STRONGBOND LEVELLING & REPAIR SB032 is suited to underfloor-heating applications. Consult your Look Floors representative for technical advice.
STRONGBOND LEVELLING & REPAIR SB032 is a self-levelling and repair-mortar compound for levelling and repairing floors before the installation of the floor coverings listed on the following page.

- ✓ Carpet and carpet tiles
- ✓ Timber and parquet flooring
- ✓ Luxury vinyl tiles/planks (LVT/LVP)
- ✓ Vinyl composition tiles (VCT)
- ✓ Sheet vinyl and rubber flooring
- ✓ Laminate flooring
- ✓ Ceramic, mosaic, quarry or cement-body tile
- ✓ Impervious porcelain and glass tile
- ✓ Natural stone tile
- ✓ 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 LEVELLING & REPAIR SB032**.

PRIMING REQUIREMENT

Priming is required before installing **STRONGBOND LEVELLING & REPAIR SB032**. 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 – LEVELLING

Add 4.2–4.6 L 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

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consistency is achieved. Do not overmix or use more or less water than specified. Once correctly mixed, immediately 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.

For applications over concrete greater than 20mm and up to 80mm, bulk the product at a 1:1 ratio by weight with clean, dry, washed 3–6mm Pea-metal aggregate.

MIXING AND APPLICATION – REPAIR MORTAR (CONCRETE SUBSTRATES ONLY)

Add 3.2–3.6 L of clean water to a clean, dust-free DelivaMix mixing bucket. Slowly add the contents of the 20 kg bag and mechanically 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 mixed, immediately place the compound and apply it with a Tradiecare finishing trowel to the desired thickness.

DRY TIMES

STRONGBOND LEVELLING & REPAIR SB032 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 LEVELLING & REPAIR SB032**. 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 LEVELLING & REPAIR SB032** over a non-compliant or structurally unsound substrate, or over a gypsum-based underlayment.
- ✓ **STRONGBOND LEVELLING & REPAIR SB032** 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.

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- ✓ **DO NOT** use **STRONGBOND LEVELLING & REPAIR SB032** as a final wearing or trafficable surface.
- ✓ Use the repair-mortar consistency only where falls, ramps or localised repairs are required.

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 : 4.2–4.6 L water (leveller) 20 kg powder : 3.2–3.6 L water (repair mortar – concrete only)
Application thickness – concrete	1–20 mm when used neat; greater than 20 mm and up to 80 mm when bulked 1:1 with 3–6 mm washed, dry Pea metal
Application thickness – plywood/OSB	3–10 mm
Pot life (in bucket)	Leveller: approximately 15–20 minutes Repair mortar: approximately 10–15 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)	≥ 15 MPa
Compressive strength (24 hours)	≥ 20 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

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Mixed-product yield	Approximately 12 Litre yield when mixed as a leveller Approximately 11 Litre yield when mixed as a repair mortar
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.*

COVERAGE GUIDE

Approximate coverage per 20 kg bag of **STRONGBOND LEVELLING & REPAIR SB032** under typical substrate and installation conditions.

APPLIED THICKNESS	LEVELLING COVERAGE GUIDE
6 mm	2 m²
3 mm	4 m²

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.
21 *October* 2026
This data sheet replaces all previous versions.