



TECHNICAL DATA SHEET

STRONGBOND LEVELLING & REPAIR SB032

STRONGBOND LEVELLING & REPAIR SB032

COMMERCIAL LEVELLING

- ✓ 1mm To 20mm IN THICKNESS PER APPLICATION
- ✓ FAST DRYING
- ✓ EASY TO APPLY
- ✓ INSTALL FLOOR COVERINGS IN AS LITTLE AS 16 HRS

PRODUCT DESCRIPTION

STRONGBOND LEVELLING & REPAIR SB032 is an advanced dual-purpose compound that combines the versatility of a self-levelling compound that can also be used as 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. Walkable in as little as 2 hours, ready for tiling from 4 hours, and suitable for resilient floor coverings after 16 hours. **STRONGBOND LEVELLING & REPAIR SB032** offers a smarter, cleaner approach to substrate repair and smoothing.

KEY BENEFITS AND FEATURES

- ✓ Fast drying and hardening
- ✓ 1mm to 20mm in one application
- ✓ Suitable for pumping application
- ✓ Self-levelling, easy to handle and apply
- ✓ For internal applications only
- ✓ Receive tiling in as little as 4 hours
- ✓ Receive resilient floor coverings in as little as 16 hours

SUITABLE APPLICATIONS

STRONGBOND LEVELLING & REPAIR SB032 is suitable for the below listed substrates:

- ✓ Concrete with different porosity
- ✓ Lightweight Concrete (Subject to MPa and subsequent floor finishes – Please consult your local Look Floors Rep for technical assistance)

STRONGBOND LEVELLING & REPAIR SB032 is suited for underfloor heating applications. Please consult your Look Floors representative for technical assistance.

STRONGBOND LEVELLING & REPAIR SB032 is a self-levelling and repair mortar compound for levelling and repairing floors prior to the installation of the below floor coverings:



TECHNICAL DATA SHEET STRONGBOND LEVELLING & REPAIR SB032

- ✓ Carpet and Carpet Tiles
- ✓ Wood and Parquet Flooring
- ✓ Luxury Vinyl Tiles/Planks (LVT/LVP)
- ✓ Vinyl Composition Tiles (VCT)
- ✓ Sheet Vinyl and Rubber Flooring
- ✓ Laminated Flooring
- ✓ Ceramic, Mosaic, Quarry or Cement Body Tile
- ✓ Impervious Porcelain and Glass Tile
- ✓ Natural Stone Tile
- ✓ Cement or Epoxy Terrazzo

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 **STRONGBOND LEVELLING & REPAIR SB032**. 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 **STRONGBOND LEVELLING & REPAIR SB032**.

PRIMING REQUIREMENT

Priming is required prior to the installation of **STRONGBOND LEVELLING & REPAIR SB032**. The correct primer and application method must be applied according to the porosity of the substrate. For priming, we recommend applying full coverage of either **STRONGBOND MULTI SUBSTRATE PRIMER SB053** or **STRONGBOND POROUS SUBSTRATE PRIMER SB813**. Primer selection is subject to substrate and site conditions (refer to **STRONGBOND MULTI SUBSTRATE PRIMER SB053** and **STRONGBOND POROUS SUBSTRATE PRIMER SB813** product Technical Data Sheets for further detail).

MIXING AND APPLICATION - LEVELLING

Add 4.2 to 4.6 litres of clean water into a dust-free DelivaMix mixing bucket. Then slowly add the 20kg bag into the bucket and mechanically mix with a suitable drill and paddle (600-650 RPM) for a minimum of 2 minutes to a lump-free consistency. Do not overmix, under or over hydrate. Once the product is correctly mixed, immediately pour out the blended compound and spread with a gauge rake to the desired thickness. Directly after the topping

TECHNICAL DATA SHEET

STRONGBOND LEVELLING & REPAIR SB032

has been dispersed, use a spiked roller or a smoothing blade to blend any inconsistencies and break any entrapped air bubbles to create a more uniform and homogenous appearance. It is critical to maintain a wet edge throughout the application of the product.

When applying **STRONGBOND LEVELLING & REPAIR SB032** at overall thicknesses between 20mm and 80mm, the product should be bulked with clean, dry washed river stones 3-6mm aggregate (P-metal) at a 1:1 weight ratio.

MIXING AND APPLICATION – REPAIR MORTAR

Add 3.2 to 3.6 litres of clean water into a dust-free DelivaMix mixing bucket. Then slowly add the 20kg bag into the bucket and mechanically mix with a suitable drill and paddle (600-650 RPM) for a minimum of 2 minutes to a lump-free consistency. Do not overmix, under or over hydrate. Once the product is correctly mixed, immediately place the blended compound and apply with a TradieCare Finishing Trowel to the desired thickness.

DRY TIMES

STRONGBOND LEVELLING & REPAIR SB032 is walkable in as little as 2 hours, ready for tiling from 4 hours, and suitable for resilient floor coverings after 16 hours. Cure time can vary with temperature and humidity and applied thickness.

SUBSTRATE CRACKS

Cracks should be identified by type (Structural, Non-Structural, Dormant, Active). Once identified, all cracks should be appropriately treated prior to the application of **STRONGBOND LEVELLING & REPAIR SB032**. Please consult your Look Floors Representative for further details and technical advice.

LIMITATIONS

- ✓ For use in interior, dry areas only.
- ✓ Ambient, substrate, and product mixture temperatures must be between 10-35°C.
- ✓ Concrete must be fully cured and treated for any hydrostatic moisture, rising damp or construction moisture as required prior to the installation of **STRONGBOND LEVELLING & REPAIR SB032**. **MUST** be dry as per NZS AS 1884.
- ✓ Water used for mixing should be maintained at room temperature. Assure that substrates are not wet from condensation in ambient conditions of high humidity. High humidity may affect surface drying and final results.
- ✓ **DO NOT** apply **STRONGBOND LEVELLING & REPAIR SB032** over any substrate that is not compliant or structurally sound or over any gypsum-based underlayment. Furthermore, **STRONGBOND LEVELLING & REPAIR SB032** is not a moisture barrier. If protection against moisture is necessary, a proper moisture mitigation system must be installed prior to the application of the **STRONGBOND LEVELLING & REPAIR SB032**.



TECHNICAL DATA SHEET

STRONGBOND LEVELLING & REPAIR SB032

- ✓ **DO NOT** bond directly to hardwood, plywood, particle board, parquet, cushion or sponge-back vinyl flooring, metal, fiberglass, or plastic. Please consult your Look Floors representative for technical assistance.
- ✓ **DO NOT** use **STRONGBOND LEVELLING & REPAIR SB032** as a final trafficable surface.
- ✓ **ONLY** use as a Repair Mortar where the creation of falls is required.

CLEANING

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

PACKAGING AND STORAGE

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

TECHNICAL DATA

Water-Powder Ratio	20 kg Powder : 4.2-4.6 L Water (as Leveller) 20 kg Powder : 3.2-3.6 L Water (as Repair Mortar)
Applicable Thickness	1-20 mm 20-80 mm (with aggregate)
Pot Life (in bucket)	Leveller Approx. 15-20 minutes Repair Mortar Approx. 10-15 minutes
Walkable	After Approx. 2 hours
Ceramic Tiles	After Approx. 4 hours
Resilient Floor Coverings	After Approx. 16 hours
Initial Flow	≥ 135 mm
Final Flow (20 min)	≥ 130 mm
Compressive Strength (6 hr)	Approx. ≥ 15 MPa
Compressive Strength (24 hr)	Approx. ≥ 20 MPa





TECHNICAL DATA SHEET STRONGBOND LEVELLING & REPAIR SB032

Compressive Strength (28 d)	Approx. \geq 30 MPa
Flexural Strength (28 d)	Approx. \geq 6 MPa
Tensile Adhesive Strength	Approx. \geq 1.5 MPa
Dry-Powder Density	Approx. 1.3 kg/L
Weight of Fresh Mortar	Approx. 2.1 kg/L
Consumption / Installed Density	Approx. 12 Litre Yield as Leveller Approx. 11 Litre Yield as Repair Mortar
Installation Temperature Range	10-35 °C

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

COVERAGE GUIDE

Approximate Consumption per 20 Kg bag of **STRONGBOND LEVELLING & REPAIR SB032** assuming typical substrate conditions.

APPLIED THICKNESS	COVERAGE GUIDE
12 mm	1 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 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.





Flooring Wholesale Ltd
NZBN 9429037924218
9 Industry Road, Penrose, Auckland 1061
solutions@lookfloors.co.nz
Tel: 09 525 0652
www.lookfloors.co.nz

TECHNICAL DATA SHEET STRONGBOND LEVELLING & REPAIR SB032

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.

