



The Pro's Choice Since 1936

B-1 Trowel Grade Leveler and Underlayment

B-1 Trowel Grade Leveler and Underlayment is a trowel grade, polymer modified cement-based floor underlayment for interior applications.

FEATURES AND BENEFITS:

- Easy to Mix
- Easy to Trowel
- Fast Setting
- Self-Bonding over Concrete
- Excellent Surface Hardness
- High Tensile and Compressive Strength
- Feathered edges

USES:

Interior Use For:

- Leveling and Smoothing Floors
- Fill Cracks and Voids
- Repair Surface Defects

For Use Over:

- Concrete
- Wood
- Cement Plaster Composition Board
- Cementitious Backer Board
- Underlayment Grade Plywood
- Embossed Vinyl Tile

For Use Under:

- Asphalt Tile
- Ceramic Tile
- Quarry Tile
- Mosaic Tile
- Linoleum
- Vinyl Tile
- Wood Flooring
- Carpet

SAFETY:

READ and UNDERSTAND the Material Safety Data Sheet (MSDS) before using this product. WARNING: Wear protective clothing and equipment. See HMIS block. For emergency information, call CHEMTREC at 800-424-9300 or 703-527-3887 (outside USA). KEEP OUT OF REACH OF CHILDREN.

PREPARATION:

Evaluation of the substrate by a qualified engineer, architect or contractor is recommended. Clean area and remove all unsound material, concrete, grease, oil, paint and any other foreign materials that will inhibit performance. Slick or sealed surfaces must be thoroughly roughened.

Refer to:

- ASTM D 4259 Abrading Concrete
- ICRI Guideline No. 03732 Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings and Polymer Overlays
- ACI 201 .1 R Guide for Making a Condition Survey of Concrete in Service

Over Concrete

New concrete slabs must be properly cured before installation may be attempted. Depending on atmospheric conditions and water content, slabs may require up to six weeks curing time. Only when acceptable moisture levels and effective restrictions on moisture transmission are in place may floor coverings be installed. Concrete floors on or below grade must have an effective vapor barrier under the slab. Testing may be required to determine if adequate moisture barriers are present.

Suspended Wood Floors

The floor must be structurally sound. Remove materials that prevent bond. Where the sub-floor boards are more than 4 inches (10.16 cm) wide, cover with sheet underlayment per project requirements or in accord with Tile Council of America recommendations for Installation of Interior Wood Subflooring and applicable sections of ANSI AN-3 Floors of Plywood. Allowable deflection is $1/360$ maximum.

Vinyl Flooring

Remove waxes and other floor treatment materials. Floors should be lightly roughened. Prime with SAKRETE Bonder/Fortifier.

MIXING:

Use 3 1/2 to 4 quarts (3.3 L to 3.78 L) of water per 25 lb. (11.35 kg) bag. For small repairs, mix the dry compound with water to a soft putty-like consistency. Dampen the area to be repaired and fill. For skim coating, use 2 quarts (1.9 L) of SAKRETE Bonder/Fortifier and 2 – 2/12 quarts (1.9 – 2.4 L) per 25 lb. (11 .35 kg) bag. Additional drying time will be needed when an additive is used.

COLOR:

Gray

COVERAGE:

25 sq. ft. (2.3 m²) at 1/8 (3.17 mm) thickness per 25 lb. (11.3 kg) bag

PACKAGING:

25 lb. (11.3 kg) Multi-Ply bag - UPC: 7-64661-10525-1

SHELF LIFE:

One year from date of manufacture.

DISPOSAL:

Comply with all applicable local, state and federal regulations for disposal of unusable or contaminated materials. Dispose of packaging/containers according to local, state and federal regulations.

REV 3-10



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ENVIRONMENTAL ADVISORY:

Uncured or crushed cured cement is an environmental hazard, which may adversely affect fish and wildlife. Dispose of construction debris containing cement, including empty bags, at a permitted municipal disposal firm. Do not use crushed concrete as a fill near an aquatic habitat.

WARNING! CAUSES IRRITATION -
Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Exposure may result in irritation of the skin, eyes or nasal passages from alkali in Portland cement. When wet, contact with the skin or eyes may result in irritation or burns. **FIRST AID:** In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get prompt medical attention; for skin, wash thoroughly with plenty of soap and water. If irritation persists, get medical attention. **WARNING! HARMFUL IF INHALED -** Avoid breathing dust. Keep container closed. Use with adequate ventilation. Excessive exposure by inhalation over an extended period of time may result in the development of pulmonary diseases including pneumoconiosis and silicosis. Crystalline Silica has been classified by IARC and NTP as a carcinogen.

LIMITED PRODUCT WARRANTY

The manufacturer warrants that this product shall be of merchantable quality when used or applied in accordance with the manufacturer's instructions. This product is not warranted as suitable for any purpose other than the general purpose for which it is intended. This warranty runs for one (1) year from the date the product is purchased. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE DURATION OF THIS WARRANTY. Liability under this warranty is limited to replacement of defective product or, at the manufacturer's option, refund of the purchase price. CONSEQUENTIAL AND INCIDENTAL DAMAGES ARE NOT RECOVERABLE UNDER THIS WARRANTY.

The SAKRETE Companies
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