

OVERVIEW

Terramix SB500 is a joint and leveling compound designed for sheathing boards. It is easy to use by just adding water. Terramix SB500 is suitable for applications on sheathing boards and on concrete and masonry substrates. It shows excellent adhesion between substrate and sheathing boards when used as an adhesive, it maintains permanent adhesion. Terramix SB500 can be used to fill in sheathing board joints, holes, gaps, hairline cracks, etc. It is also used as a skim coat and leveling plaster for any masonry surface.

PROPERTIES

- Pre-blended (easy to mix and apply)
- Thick consistency and workable
- Water resistant
- Good adhesion
- Impact resistance properties
- Good level of coverage.

AREA OF USE

Terramix SB500 is used as follows:

- As a jointing compound for sheathing boards.
- As an adhesive for sheathing board fixing to substrate.
- As an adhesive to bond architectural foam shapes to masonry surfaces.
- For finishing panel joints, corner bead, trim, and fasteners patching as well as leveling.
- Skim coat for one-coat/two-coat stucco systems, cementitious and masonry surfaces and masonry blocks prior to application of final coating.
- Embedding mortar over the sheathing board for fiberglass mesh embedment.
- Use as a basecoat over fiberglass matt-faced gypsum sheathings.
- Filling holes, gaps, and hairline cracks for cementitious or masonry surfaces.

MIXING INSTRUCTIONS

Terramix SB500 should be mixed on site with the recommended quantity of water (6 to 6.5 kg water for 25 kg powder). Add powder to water by gradual mixing with a high-speed spiral mixer for 3-5 minutes (at maximum 500 rpm). Allow the material to stand for 5 minutes, remix and use. It is recommended to mix full bag only. Do not add more water than prescribed.

PREPARATION OF SURFACE

Ensure substrate surface is structurally sound, clean and free of debris, dirt, dust, efflorescence, grease, oils, curing agents, paint, coatings and cleaning solutions. Ensure that all surfaces are smooth and free of any irregularities. Repair cracks and irregularities with proper repair material. Apply Terraco Terrabond A (1:5 diluted with clean water) prior to application of Terramix SB500.

APPLICATION AND CLEANING OF TOOLS

When used as **jointing and leveling compound**, apply coat/s of Terramix SB500 with embedment of Handytape 160-10 / 160-20 according to area of application and level out.

When used as an **adhesive**, apply to the sheathing board in 3-4 mm dab / notch trowel according to surface levelness and press into place using a level. Do not allow adhesive to skin before fixing in place. Fix mechanical fasteners as project specification.

When used as an **embedding mortar**, apply a coat of Terramix SB500 mix to the sheathing board with trowel and embed the mesh using a trowel followed by leveling coat of Terramix SB500. Ensure the overlap of mesh by 100mm.

Allow overnight drying between the coats.

Apply a coat of Terrabond-A (1:5 diluted with clean water) over final coat of Terramix SB500.

Clean tools and equipment with water after use.

HEALTH & SAFETY

Avoid prolonged contact with eyes and skin. For detailed information refer to relevant material safety data sheet.

PACKAGING & STORAGE

Terramix SB500 is supplied in 25kg paper bags.

Store material in a clean dry area protected from high humidity, moisture, direct sunlight and extreme heat and cold. Unopened packs can be stored for 12 months. Use oldest material first.

LIMITATIONS

- Do not add any other materials to the product mixture.
- Do not apply Terramix SB500 over construction joints.
- Terramix SB500 is not used as a finish coat. Apply suitable finish coat as per compatibility. Consult your local Terraco representative for further details.
- Do not saturate the wall with water during application.
- Application temperatures (ambient, material and substrate) should be between 4°C and 35°C.

TECHNICAL DATA

Product	Joint and leveling compound for sheathing board
Composition	Mixture of cement materials, organic binders, and additives
Tensile Adhesion Strength	≥0.5 N/mm ² (as per EN 1542)
Appearance	Fine grey powder
Mixing Ratio	By weight: 4:1 with water
Density of paste	1.7 ± 0.05
Pot Life	1 hour at 25°C
Colour	Grey
Material Consumption	4-7 kg/m ²
Packaging	25 kg paper bags.
Storage	12 months in original unopened containers.

TERRACO offers a comprehensive range of products and services for most concrete and finishing needs. Please contact the TERRACO Technical Service Department or your local TERRACO agent for further information, samples, demonstrations and instructor services. The information given in this leaflet is based upon laboratory research, as well as extensive field work and application. All products are sold subject to standard conditions of sale which are available on request. This information is based on TERRACO's present state of knowledge and is intended to provide general information on TERRACO's products and their methods of use. The prospective user is recommended to determine the suitability of TERRACO's suggestions and products before adopting them on a commercial scale.

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