

OVERVIEW

Terrascreed HB100 is a general-purpose high build self-levelling floor compound used to level concrete floors and screeds prior to application of final finish, such as carpet, tiles, wood flooring or other flooring systems. Terrascreed HB100 is a quick setting polymer modified cement-based compound with excellent adhesion and strength properties.

PROPERTIES

Terrascreed HB100 is both hydraulically and organically bound, guaranteeing good adhesion to the substrate. Due to its composition and the use of precisely graded fillers, a smooth, high-quality surface is obtained when leveling floors.

AREA OF USE

Terrascreed HB100 is a self-leveling compound designed for leveling concrete floors and screeds prior to application of carpet, tiles, wood flooring or other flooring system. Terrascreed HB100 is excellently suited for use on residence, office, school, department store floor. For use in dry indoor areas only.

PREPARATION OF SURFACE

Concrete floors should be fully cured for 3-4 weeks. Ensure that all dust, dirt, and foreign matter are scraped and brushed away. All cracks, chips, voids, and damages should be repaired with appropriate Terraco repair products.

PRIMING

Prime the surface with Terraco Terrabond A solution (1-part Terrabond A diluted with 5-parts of clean water) prior to application of Terraco Terrascreed HB100. For extremely absorbent or porous surfaces, apply 2-3 coats of primer.

MIXING

Slowly add 25 kg of Terraco Terrascreed HB100 to 5.5-5.75 liters of clean water while continuously stirring with a high-speed mixer for 3 minutes. Allow to stand for 5 minutes and mix again for 1-2 minutes. Prepared material must be consumed within 15-20 minutes of mixing.

APPLICATION & CLEANING OF TOOLS

Terraco Terrascreed HB100 is poured on to the surface and spread with a smoothing trowel or spreader to the required thickness. A porcupine roller is then rolled through the laid material to remove air pockets. Terraco Terrascreed HB100 will flow out to find the correct level. Allow to dry for 12-24 hours (Terrascreed HB100 surface can normally be walked on after 24 hours).

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

Terrascreed HB100 is supplied in 25kg bags.

Store bags in a clean dry area protected from direct sunlight and extreme heat and cold. Unopened bags can be stored for 6 months. Use oldest material first.

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.

TECHNICAL DATA

Product	Self-leveling compound powder form
Binder	Hydraulic and organic binders
Additives	Plasticizing agents, adhesion promoters and water retention agents
Thickness of Layer	5-30 mm
Water Demand	5.5-5.75 litre water per 25 kg Terrascreed HB100
Pot life	15-20 minutes at 25°C
Coverage	1.6 kg/m ² /mm (unmixed material)
Compressive Strength	Over 20 N/mm ²
Flexural Strength	Over 5 N/mm ²
Bond Strength	B 0.5
Length Change	± 0.05%
Packaging	25 kg paper bags
Storage	6 months in original unopened bags

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