

OVERVIEW

Terramortar HB is specially formulated polymer modified cementitious floor repair mortar. It can be used on exterior and interior surfaces in the range of 5 to 15 mm to give a hard, smooth, water resistance finish. Terramortar HB 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.

PROPERTIES

Terramortar HB has the following properties:

- High build application from 5 to 15mm
- Excellent workability
- Polymer modified
- Excellent adhesion
- Crack resistant

AREA OF USE

Terramortar HB is a leveling compound and repair mortar for preparing concrete floors. Major area of application includes car park and industrial warehouses. It can be applied in thickness from 5-15mm.

PREPARATION OF SURFACE

Ensure the surface to be covered is free of loose particles, dust, dirt, grease, oil and paint. Absorbent and porous substrates should be primed prior to application of Terramortar HB.

PRIMING

Apply Terrabond-A (1:5 diluted with clean water) as a primer on the area to be repaired. On extremely absorbent, porous surfaces or under extreme climatic conditions, apply 2-3 coats of primer.

MIXING

Thoroughly mix the powder component with the resin component by addition in a high speed mixer (such as the TERRACO SM 50 or SM 100) or with a hand agitator for 3-5 minutes until the mix is free from lumps. Let the mixed Terramortar HB stand for 5 minutes, then re-stir and use.

APPLICATION & CLEANING OF TOOLS

Terramortar HB is applied by trowel and leveled with a steel float. A smooth finish can be achieved with a wooden or foam float when the Terramortar HB has 'set'. The float should be moistened during the smoothing operation.

Clean tools and equipment with water after use.

CURING

It is advisable to keep the surface moist during the first 48 hours to ensure proper curing.

HEALTH & SAFETY

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

PACKAGING & STORAGE

Terramortar HB is supplied as a 25 kg kit (20kg powder paper bag and 5 kg resin jerry-can).

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.

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	Ready mixed repair mortar, powder form.
Binder	Hydraulic and organic binders.
Filler	Inert finely graded washed fillers of sand or quartz.
Colour	White and grey
Additives	Plasticizing agents, adhesion promoters and water retaining agents.
Adhesion	>1.0 N/ mm ² (Complies with class-B1.0 according to EN13813:2003)
Flexural Strength	>3.0 N/ mm ²
Compressive Strength	>9.0 N/mm ²
Application Thickness	5mm – 15mm.
Mixing Ratio	20 kg powder : 5 kg resin
Consumption	Approximately 1.75 kg/m ² per 1mm thickness
Packaging	25 kg kit (20kg powder part in paper bag and 5 kg resin part in jerry can)
Storage	12 months in original unopened packs.

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