

### OVERVIEW

Terrascreed HS100 is a high strength self-leveling 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 HS100 is a quick setting polymer modified cement based compound with excellent adhesion and strength properties.

### PROPERTIES

Terrascreed HS100 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.

### AREAS OF USE

Terrascreed HS100 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 HS100 is excellently suited for use on heavy-duty industrials, hospital, laboratory and parking lot floor.

For use in dry indoor 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 first using a suitable acrylic/cementitious crack filler for flooring.

### PRIMING

Apply a coat of primer prior to application of Terrascreed HS100. On absorbent, porous surfaces or under extreme climatic conditions, coat a primer 2 or 3 times.

### MIXING

Mix the Terrascreed HS100 with the recommended water with a high-speed mixer (TERRACO SM 50 or SM 100) or with a hand agitator for 3 minutes until the mixture is free from lumps.

### APPLICATION & CLEANING OF TOOLS

Terrascreed HS100 is poured to 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

Terrascreed HS100 will flow out to find the correct level. The surface can normally be walked on after 3 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 HS100 is supplied in 25kg bags.

Store containers in a clean dry area protected from direct sunlight and extreme heat and cold. Unopened containers 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

<b>Product</b>	Self-leveling compound in powder form.
<b>Binder</b>	Hydraulic and organic binders.
<b>Additives</b>	Plasticizing agents, adhesion promoters and water retention agents.
<b>Thickness of Layer</b>	3-5 mm
<b>Consumption</b>	Approximately 1.5 kg/m <sup>2</sup> per 1mm thickness.
<b>Water Demand</b>	7.0-7.5 litre water/25 kg Terrascreed HS100
<b>Pot Life</b>	15 - 20 minutes
<b>Flexural Strength</b>	Over 6 N/mm <sup>2</sup>
<b>Compressive Strength</b>	Over 28 N/mm <sup>2</sup>
<b>Adhesion strength</b>	Over 1.2 N/mm <sup>2</sup>
<b>Length Change</b>	±0.05 %
<b>Abrasion Resistance</b>	Within 0.15 mg/mm <sup>2</sup>
<b>Packaging</b>	25 kg paper bags.
<b>Storage</b>	6 months in original unopened container.

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