

**//// TERRACO®**

# Terrascreed™



**Self-levelling Floor Screeds**

*The House of Scandinavian Finishing Materials*

# Self-levelling Floor Screeds

**Terraco Terrascreed™** is a functional range of high performance, self-levelling floor compounds used to create a flat and smooth surface prior to the application of the final floor finishes. They have a compressive strength similar to or higher than that of traditional concrete prior to installing interior floor coverings such as PVC, vinyl, rubber, carpets, tiles, and wood flooring.

The range includes :

- A general purpose self-levelling grade for 2mm to 10mm thickness application
- A high build grade for higher thickness application of 5mm to 30mm
- A high strength grade for more demanding conditions with a thickness of 3mm to 5mm

These self-levelling floor screeds are polymer modified to ensure high flow characteristics and, in contrast to traditional concrete, do not require the addition of excessive amounts of water for placement.



Technical Data	Terrascreed GP 100	Terrascreed HB 100	Terrascreed HS 100
Coverage	1.66 kg/m <sup>2</sup> /mm	1.66 kg/m <sup>2</sup> /mm	1.5 kg/m <sup>2</sup> /mm
Packaging	23kg Paper Bag	25kg Paper Bag	25kg Paper Bag
Thickness of layer	2 - 10mm	5 - 30mm	3 - 5mm
Water demand	4.6 - 5.3 litres of water / 23 kg	5.0 - 5.25 litres of water / 25 kg	5.75 litres of water / 25 kg
Open time	40 - 50 minutes	30 - 40 minutes	40 - 50 minutes
Final setting time	3 - 4 hrs	3 - 4 hrs	3 - 4 hrs
Compressive strength at 28 days	20 N/mm <sup>2</sup>	20 N/mm <sup>2</sup>	Over 28 N/mm <sup>2</sup>
Flexural strength at 28 days	5 N/mm <sup>2</sup>	5 N/mm <sup>2</sup>	Over 6 N/mm <sup>2</sup>
Bond strength	B 1	B 0.5	-
Adhesive strength	-	-	Over 1.2 N/mm <sup>2</sup>
Abrasion resistance	-	-	Within 0.15 mg/mm <sup>2</sup>

Note: Properties mentioned above are based on controlled laboratory samples and tests. Results may differ under site conditions based upon varying mixing methods and equipment, temperature, and application methods.

## Terrascreed™ GP 100 - General purpose

**Terrascreed GP 100** is a general purpose, single component, cementitious, polymer modified, self-levelling screed and floor compound used internally to level new or existing substrates from 2mm to 10mm in order to receive all kinds of floor coverings.

### Areas of Use

Used over new or existing concrete or screeded floors which require levelling prior to laying the flooring system. It can be used in many areas such as:

- Industrial, commercial and office buildings
- Hotels, airports, hospitals and schools
- Apartments and private residential homes

### Features & Benefits

- Highly fluid and easily workable
- Good self-levelling capacity
- Good adhesion to the substrate
- Provides a smooth, high quality surface
- Ultra-low VOC



## Terrascreed™ HB 100 - High build

**Terrascreed HB 100** is a high build, single component, quick drying, cementitious, polymer modified, self-levelling floor and screed compound used internally to level new or existing substrates from 5mm to 30mm in order to receive vinyl, carpets, tiles, and wood flooring.

### Areas of Use

- Superior underlay for vinyl and timber floor coverings
- It may be used under carpet and tile if quick covering time is required
- Reinstatement of new or existing concrete floors subject to foot traffic, industrial equipment, and fork lift traffic or trolleys
- Residential, commercial and industrial applications
- Heavy industrial traffic areas
- Wet areas (not immersed)
- With under-floor heating

### Features & Benefits

- A quick-setting polymer modified cementitious compound
- Excellent adhesion and strength properties
- Versatile - ideal for professionals and DIY enthusiasts
- Ideal for new floors and renovation work
- Advantageous to use in conjunction with under-floor heating increasing heat transfer by  $\pm 30\%$
- Optimum drying speed allowing foot traffic within as little as 24 hours
- Ultra-low VOC



## Terrascreed™ HS 100 - High strength

**Terrascreed HS 100** is a high strength, single component, quick setting, cementitious, polymer modified, self-levelling floor and screed compound used internally to level concrete floors and screeds prior to the installation of the floor finishing system.

### Areas of Use

- This product is excellently suited for use on heavy-duty industrial floors, hospitals, laboratories and wine cellars
- It is ideal for applying over existing tiles
- Particularly suited for parking lot floors where access to the surface is required as soon as possible
- Especially suited for areas subjected to wheel chairs

### Features & Benefits

- High compressive strength
- Easy workability - self-levelling
- Excellent substrate adhesion
- Rapid setting
- Ultra-low VOC





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Technical Data Sheets and Material Safety Data Sheets are available from your Terraco representative or on [www.terraco.com](http://www.terraco.com). Although every precaution has been taken to ensure the accuracy of the colours and textures represented herein they should be considered indicative. Products containing natural aggregates may be susceptible to colour variation and we recommend that you order sufficient quantity for the complete project at one time. Terraco does not warrant the accuracy of the information provided herein and all information is subject to change without notice.

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