BUILDING TRUST

PRODUCT DATA SHEET

Sikafloor®-137 Screed

High performance, cementitious floor screed

DESCRIPTION

Sikafloor®-137 Screed is a durable, high quality cementitious premixed floor screed specially formulated for casting onto both old and new concrete floor.

USES

Sikafloor®-137 Screed is suitable for all new and old concrete substrates such as housing estate void deck floors, heavy industrial floors or other concrete substrates. It also provides suitable bedding to receive tiles in both internal and external areas.

CHARACTERISTICS / ADVANTAGES

- Provide a levelled & fine surface finish on slabs
- Greater durability and flexibility
- Quick drying and easy to apply
- Thickness of the floor screed can be varied to minimise wastage
- Non-combustible
- Minimise cracking when applied at correct thickness and properly cured
- Easy to mix – just add water

PRODUCT INFORMATION

Composition	Cementitious mortar
Packaging	40 kg bag
Appearance / Colour	Grey powder
Shelf Life	9 months from the date of production
Storage Conditions	Store properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Protect from direct sunlight.
Maximum Grain Size	4 mm

TECHNICAL INFORMATION

Compressive Strength	~20 N/mm²	(ASTM C 109)

APPLICATION INFORMATION

Mixing Ratio	5.6–6.4 L of water per 40 kg bag
Consumption	1.9–2.0 kg/m²/mm
Layer Thickness	10–50 mm
Fresh Mortar Density	2.1–2.3 kg/l

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

IMPORTANT CONSIDERATIONS

- Applications of Sikafloor®-137 Screed which are too thin can result in a chalky or dusty finish that is unsuitable for painting or subsequent applications.
- Applications of Sikafloor®-137 Screed on very porous or dry substrates can result in a chalky or dusty finish that is unsuitable for painting or subsequent applications.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

The substrate must be sound, clean, dry and free of all contaminants e.g. dirt, oils, grease, coatings, surface treatments, etc. If in doubt, apply a test area first. Dry and pourous substrates should be dampened before application of Sikafloor®-137 Screed.

MIXING

Sikafloor®-137 Screed must be mixed with clean water using a hand-held or mechanical mixer for 3–7 minutes until a homogenous lump-free paste is achieved. The wet mix should be use within 30–45 minutes after mixing.

APPLICATION

Apply Sikafloor®-137 Screed onto moist, clean substrate using a wooden/steel float or steel trowel while the mix is still workable. It can be applied at a recommended thickness of 10–50 mm.
Sikafloor®-137 Screed should be cured for at least 7 days prior to any tiling works.

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened or cured material can only be removed mechanically.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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