

weberfloor LVL 1010

Self-levelling screed

Technical Data Sheet

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Revision No: 000

■ Description

Cement based, self-levelling screed with 1-10 mm of application range.

■ Reference standards

TS EN 13813

EMICODE ECI Plus

Public Works Pos. No: 04.379/D04

■ Advantages

- Suitable for levelling deteriorations between 1-5 mm
- Forms a smooth substrate by self-levelling
- No cracking and blistering

■ Application areas

Used as levelling screed prior to final coating on interior floors of all buildings.



■ Application substrates

Interior floors;

- Cement based screed,
- Concrete floors
- Prefabricated concrete,
- Over screed on floor-heating systems,

Please consult us for all other application substrates.

■ Preparation of substrates

- The substrate should be clean, dry, smooth and sound.
- Paint, gypsum, concrete and adhesive residues should be removed by scraping.
- The substrate should be cleaned from dust by aspiration or vacuum cleaning.
- Local defects should be repaired using **weber repair mortars** if any exist.
- The substrate should be primed using **weberprim FP-A** without diluting at least 30 minutes before **weberfloor LVL 1010** application.

■ Application conditions

- Ambient temperature between +5°C and +30°C.
- Avoid application in extremely hot and/or damp weather.
- Should not be used on frozen or melting substrates, or substrates with the risk of frost within 24 hours.

■ Application

- Add 5 liters of clean water to a 25 kg bag of **weberfloor LVL 1010**. Then the product should be mixed to a homogenous consistency using a low-speed mixer for 2 minutes.
- Prepared mortar is poured on the floor and expunging should be made to fill deteriorations on the surface.
- **weberfloor LVL 1010** spreads itself. Thickness should be adjusted using trowel.
- Spreaded material should be smoothed using spiked roller if needed.
- Coatings applied using adhesives like laminated floorings, tiling, carpet, PVC can be used as finalcoat on **weberfloor LVL 1010** applied substrates.

■ Application tools

Steel trowel, hand mixer, spiked roller

■ Consumption

1.50-1.80 kg/m² (for 1 mm application thickness)

■ Points of attention

- Not applicable on wet or damp substrates.
- Not applicable on weak and loose substrates.
- Not applicable on exteriors and industrial areas.
- Not applicable on wooden floors.
- Floor-heating system should be covered with screed before **weberfloor LVL 1010** application.
- Should not be left open as topcoat.
- Conform to dilatation joints if any exist.
- Use profiles suitable for the topcoat to be applied.
- Levelling requirements should be determined before the application.
- Conform to water ratios provided.
- Do not add any foreign substances.
- Areas like wall edges, door fronts should be closed using profiles or tapes.

■ Technical specifications

PRODUCT	weberfloor LVL 1010
Product structure	Powder
Colour	Grey
Density (mortar)	2.0-2.2 gr/mm ³
Karışım oranı	25 : 5 (weberfloor LVL 1010 : water)
Self-levelling time of mortar	15 minutes
Time required for pedestrian traffic	6-8 hours
Application thickness	1-10 mm (floors subject to medium pedestrian traffic) 3-10 mm (floors subject to high pedestrian traffic)
Mortar flow rate	240-280 mm (weber standard flow ring 68x35 mm)
PERFORMANCE	
Compressive strength	≥20 N/mm ²
Flexural strength	≥6 N/mm ²

Time required for top coat application	
Tiling	24 hours
PVC, linoleum	24 hours
Carpet, textile	24 hours
Parquet	24-72 hours

■ Storage

Packaging	25 kg kraft bag
Colour	Grey
Shelf life	<ul style="list-style-type: none">1 year from date of manufacture when stored unopened and undamaged in a dry, moisture-free environment.Packages should be kept tightly closed when not in use.Lumped or petrified products should not be used.

■ Safety precautions

- Use appropriate safety equipment (mask, gloves, glasses).
- Protect your eyes/face.
- Avoid direct contact with eyes and skin.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention.
- Please read Safety Data Sheet (SDS) for further safety information.

LEGAL DISCLAIMER

Saint-Gobain Weber Yapı Kimyasalları San. ve Tic. A.Ş. is not responsible for any errors arising from the use of product beyond its intended purpose or not complying the application procedures mentioned above.

The stated times apply for 20°C substrate and ambient temperature; increase at lower temperatures and decrease at higher temperatures.

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