

weber.floor LVL 05 smart

Self-levelling screed

Technical Data Sheet
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■ Description

Cement-based, self-leveling screed applicable between 1-5 mm.

■ Advantages

- Suitable for substrates subject to medium to high pedestrian traffic.
- Suitable for leveling deteriorations between 1-5 mm.
- Forms a smooth substrate by self-leveling.
- Free of cracks and swelling.

■ Range of application

- Applied as a leveling screed prior to the final coating on interior of all buildings subject to medium and heavy traffic.

■ Application substrates

- Interiors,
 - Cement based screed,
 - Concrete,
 - Prefabricated concrete,
- Please consult us for all other applications.

■ Limits of application

- Not applicable on damp and wet surfaces.
- Not applicable on loose and weak surfaces.
- Not applicable on the outside and on industrial surfaces.
- Not applicable on wooden floors and on old substrates which requires to be repaired.
- Can not be left open as a top layer.

■ Application properties

- Maximum self-leveling time: 15 minutes.
- Time required for pedestrian traffic: 6-8 hours.
- Time required for final covering:
 - Tiles: 24 hours (for 5 mm thickness).
 - Laminate: 24-72 hours (for 5 mm thickness)
 - PVC: 24 hours (for 5 mm thickness).
 - Carpet: 24 hours (for 5 mm thickness)
- Application thickness:
 - Substrates subject to medium pedestrian traffic: 1-5 mm.
 - Substrates subject to high pedestrian traffic: 3-5 mm.
- Mortar flow rate: 240 – 280 mm (**weber** standard flow ring 68X35 mm)

■ Performance

- Compressive strength: ≥ 20 N/mm².
- Flexural strength: ≥ 4 N/mm².

These values were obtained as a result of laboratory tests and they are valid for performance of finished applications at the end of drying time. Values may vary due to differences in ambient jobsites.

■ Reference standards

- EMICODE ECI Plus
- TS EN 13813
- Public Works Pos No: 04.379/D 04

■ Attention points

- Dilatation joints should be conformed if any.
- Profile fit for thickness of final layer coating should be used.
- Do not add any foreign substances.
- Assess the levelling requirements beforehand.

■ Preparation of substrate

- The substrate should be clean, dry, smooth and sound.
- Paint, plaster, concrete and adhesive residuals if any should be scraped.
- The substrate should be free from dust via aspiration or vacuum cleaning.
- Sectional deteriorations if any should be repaired with **weber.rep MA 200**.
- The substrate should be primed with **weber.prim FP-A** without diluting minimum 30 minutes before the application of **weber.floor LVL 05 smart**.

■ Conditions of application

- Ambient temperature is between +5 °C and +30 °C.

■ Application

- Average 5 lt clean water should be added to 25 kg bag **weber.floor LVL 05 smart**. **weber.floor LVL 05 smart** should be mixed with low speed hand mixer until homogenous state is achieved.
- The mortar prepared should be emptied on the floor and expunging should be applied for filling deteriorations on the surface.
- **weber.floor LVL 05 smart** spreads itself. Its thickness should be adjusted with a trowel.

■ Consumption

1,5-1,8 kg/m² (for 1 mm thickness).

■ Packaging

Net 25 kg bag,
(64 in pallet, 1600 kg).

■ Color

Grey.

■ Application tools

Steel trowel, hand mixer, spike roller.

■ Shelf life

1 year from the production date in dry and cool ambient. Package should be kept tightly closed when not in use. Package should be protected against frost.

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

➤ **Saint-Gobain Weber Yapı Kim. San. ve Tic. A.Ş.** is not responsible for the application errors arising from use of product beyond its intended purpose or failure to comply with the foregoing application conditions and advice on the product.



Saint-Gobain Weber Yapı Kimyasalları San. ve Tic. A.Ş.
Kemalpaşa OSB Mah. Kuyucak Yolu Sokak No: 284 • 35730 Kemalpaşa • İzmir • Türkiye
Tel: +90 (232) 397 07 00 • www.weber.com.tr • info@weber.com.tr • Çözüm hattı: 444 6 990

