weberfloor easy 625

High performance, easy leveling, pumpable screed



Flooring

Leb	Egypt	Jordan	UAE	Qatar	Kuwait	KSA	Oman
25kg	25kg	25kg	25kg	25kg	25kg	25kg	25kg
50kg	50kg	50kg	50kg	50kg	50kg	50kg	50kg

PRODUCT

weberfloor easy 625 is an easy-leveling screed, with very low shrinkage and pumpability characteristics. The low shrinkage feature allows the applicator to apply **weberfloor easy 625** at large areas without the need of control joints. Due to its flowable consistency, **weberfloor easy 625** can be pumped without bleeding or without affecting its final performance with an application thickness varying from 20 to 60mm (it can reach 100mm at punctual areas). Once applied, **weberfloor easy 625** requires only to be covered with plastic sheet for seven days.
It is made of special cement, selected aggregates and additives which give the product its high performance in terms of low shrinkage, adhesion, strength, and segregation resistance. The mix design is readily mixed to produce a screeding-flowable consistency. It is easily applied and finished.

SCOPE OF USE

weberfloor easy 625 is a multi-purpose screed suitable for different type of projects:

- Residential buildings, malls
- Hotels, hospitals, offices
- Warehouses for light to medium use

It can be used for the following purposes:

- Filling gaps and adjusting leveling under tiles
- As substrate for self-leveling products intended to be covered with thin coverings
- Or as a part of comfort solutions (thermal and sound insulation systems). Screed on top of sound insulation membrane or thermal insulation board
- **weberfloor easy 625** can be used as bonded, un-bonded or floating application

ADVANTAGES

- Pumpable
- Easy leveling
- No water curing is required
- No risk of cracks due to its low shrinkage properties therefore can be applied at larger areas
- Multi-purpose and can be used as part of comfort solutions: thermal and sound impact insulation systems

CHARACTERISTICS	
Color	Grey powder
Grain size	<5mm
Mix density	2.25±0.1
Flexural strength at 28 days - EN 13813	6MPa
Compressive strength at 28 days - EN 13813	≥20MPa

APPLICABLE STANDARDS
EN 13454-2; EN 13813; BS 8204

INSTRUCTIONS FOR USE
SUBSTRATE PREPARATION
In case of bonded screed
- Concrete substrate should be at least 28 days old and structurally stable (Residual moisture <4%).
- Concrete must be crack free. Thus, any crack must be repaired prior to application.
- All surfaces should be clean, dry, and free from grease, laitance, oil, dust, paint and any other substance that may prevent or reduce adhesion.
- Remove all weak, loose, smooth or broken pieces of concrete, until reaching a sound rough concrete. This can be achieved primarily by shot-blasting otherwise by medium scarifying or grinding.
- The prepared surface must have an average "surface tensile adhesion strength" greater than 1MPa. Moreover, it should have CSP (concrete surface profile) of 6-8.
- Then, the substrate must be vacuumed, and primed with **weberfloor 4716**.
- Soft strips to be fixed as a separation between the walls/columns and the screed before proceeding with the application.

Weber doesn't warrant any defect due to concrete substrate movement.

Primer application
- **weberfloor 4716** must be brushed into the substrate using soft brush. Primer's puddles should be avoided.
- **weberfloor 4716** must be applied on one or two coats depending on the substrate.
- For dry and porous substrate, dilute first coat of **weberfloor 4716** with water at the ratio 1:5. Allow to dry a clear film before applying the second layer with a dilution ratio 1:3.
- For dense concrete, apply one coat of **weberfloor 4716** diluted at the ratio 1:3.
- **weberfloor easy 625** should be applied as soon as the colour of the primed surface change from white to clear.

In case of un-bonded and floating screed
- Start by fixing soft strips (5 to 10mm thicknesses) as a separation between the walls/columns and the screed.
- Lay down thick Polyethylene sheets (200 to 250 micron) on the substrate.
- Make sure that the Polyethylene sheets overlaps for around 30cm.
- Make sure that the Polyethylene sheets ride over the corners and the vertical edges surrounding the screed to cover them for around 20cm.
- Lay **weberfloor mesh** a 10x10mm alkali resistant fibre mesh overlapped for around 30cm or 100x100mm galvanized steel mesh. The mesh should be fixed in a way to persist floating on 1/3 to ½ of the layer thickness.

PRODUCT PREPARATION
Manual application
- Each 25kg bag of powder needs 3.1 to 3.4 liters of clean and cool water.
- Adjust the amount of water to obtain a flowable, homogeneous mixture without bleeding or separation (a flow of 300 to 350mm using semi Abram's cone would be recommended).
- **weberfloor easy 625** should be mixed using a revolving drum mixer having a suitable capacity.
- Measure the proper amount of cool water. Pour them into the mixer then add gradually **weberfloor easy 625** powders.
- Mix for around 2 minutes until lumps free mix is obtained.
- Make sure that the mixed material has a temperature not exceeding 30°C (use ice if necessary to cool down water).
- Allow the material to rest for 1 minute to cool down then mix again for 30 seconds.

Mechanical application
- **weberfloor easy 625** can be mixed and applied by using the appropriate pumping machine.
- Water ratio should be adjusted to obtain a flowable, homogeneous mixture without bleeding or separation.

PRODUCT APPLICATION
- Limit the work areas into manageable sections for maximum 50m². Reduce the width of the work area when applying in warmer temperatures (or use cold water).
- Pour the mixed material onto the prepared surface, then immediately spread it with a large metal trowel to aid in levelling the surface.
- **weberfloor easy 625** can be mixed or pumped without bleeding or without affecting its final performance with an application thickness varying from 20 to 60mm.
- **weberfloor easy 625** can reach 100mm thickness when adjusting the level at punctual areas. Consult our technical team before proceeding.
- In case of floating application, a minimum thickness of screed should be respected. Kindly consult the technical department for more details.
- Always keep a wet edge of material to pour fresh material into.
- Protect the material from wind and direct sunlight during and after installation.
- Cover the freshly applied screed with a plastic sheet for 3 days as soon as it becomes walkable.
- Ideal application temperature is between +5°C and + 35°C.

PRECAUTIONS
- It is preferable to subdivide the total area of application in smaller ones not exceeding 50m² each in order to facilitate the application of **weberfloor easy 625**.
- All existing movement/expansion joints in the base should be maintained and continued through the **weberfloor easy 625**.
- It is advisable to leave control joints each 30m². Rectangular shape is preferable making sure that the length not exceeding 15m.
- In case of corridors, it is recommended to fix control joints on each 15 linear meters and in each connection between corridor and room. The joints should be sealed with **weber jointseal PU**.
- In hot and dry weather, it is preferable to apply the product

early morning or late afternoon.
- Avoid work under heavy windy condition where the product may dry fast and cracks might appear.
- All the opening (windows, doors) should be closed in order to reduce the effect of wind during the application and while the applied area still fresh. Any applied materials should be protected from sun light.
- After usage, clean tools with water. It is recommended to use protective gloves. In case of contact with the eyes, clean thoroughly with water.
- Water must not be overdosed.
- Do not add more water to a mix which has already begun to set.
- Wait from 3 to 6 weeks before applying an overlayment... For additional information, please contact our technical support department or one of our Sales Engineers.

CONSUMPTION
Approximately 42kg/m^2 per 20mm thickness.

STORAGE
One year after manufacturing date in its original packing non open and in dry cool area.

SAFETY PRECAUTIONS
As with all cementitious products in hot weather, take adequate measures to protect it from exposure to direct sunlight and hot winds.No water curing is requested.

DISCLAIMER
While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

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