

weberfloor 628 LD

Pre-mixed fiber reinforced floor 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 628 LD is a pre-packaged screeding mix based on Portland cement, synthetic fibers, specially graded aggregates plus a blend of synergistic admixtures. **weberfloor 628 LD** is ready to use on site and when mixed with water produces a trowelable floor screed which is applied to new or existing concrete. The mix design is readily mixed to produce a screeding consistency that is easily applied and finished.

SCOPE OF USE

Topping of concrete and cementitious floors.

CHARACTERISTICS	
Appearance	Grey powder
Grain size	<5mm
Compressive strength	20MPa @28 days
Flexural strength	>2.5MPA at 28 days
Recommended layer thickness (1)	30–80mm
Wet density	1.9

(1) If the maximum screed thickness required is 30mm or less, **weberfloor 515 PSC** *should be used.*

INSTRUCTIONS FOR USE

SUBSTRATE PREPARATION

In case of bonded screed

Concrete substrate should be at least 3 months 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.
webefloor 628 LD 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 overlap 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 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 around 1/3 of the layer thickness.

PRODUCT PREPARATION
Mix a 50kg **weberfloor 628 LD** bag with 5.5 liters of clean water (25kg with 2.75 liters) using a concrete mixer or a mixing machine. Excess water weakens the strength and increase shrinkage; therefore water must not be overdosed. 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. Then mix it for 30sec. Start the application. Pour the mixed material on to the substrate and level it with a steel trowel.
Control joints in the existing substrate should be respected. For large area, joints should be created every 25m^2.

CONSUMPTION
19kg/m^2/cm thickness approx.

STORAGE
12 months after manufacturing date in original and non-open packaging, under cover, in dry condition, away from humidity, protected from extreme temperatures and direct sunlight.

SAFETY PRECAUTIONS
The product contains cement powders which, when mixed with water, release alkalis that could be harmful to the skin. It is preferable to do the application a well ventilated area, to wear protective gear for hands, eyes and respiratory system and to avoid dust inhaling. Splashes on the skin should be washed away by cleaning with soap and water. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting. In both cases seek medical attention. The product is non-flammable.

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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