

One component high performance self leveling floor compound

PRODUCT

weberfloor 505 SLC is cement based dry ready mixed self levelling mortar for internal use. It is composed of hydraulic binders, mineral charges and special admixtures.

SCOPE OF USE

- Concrete floor slabs
- Prefabricated concrete slabs
- Monolithic screeds
- Modular concrete elements

CHARACTERISTICS

Powder Density	1.40
Grain Size	< 0.5mm
Pot life	25 min.
Initial adhesion	1 MPa at 28 days
Compressive strength	20 MPa \pm 2
Bending strength	4 MPa \pm 0.5

APPLICABLE STANDARDS

It complies with BS 4551, BS 890, BS 4550.

INSTRUCTIONS FOR USE

SUBSTRATE PREPARATION

Substrate must be clean, sound and free from greasy matters and dust. Remove all traces of curing compounds, old paints and sealer, and debris which may affect the adhesion. Before the application the substrate must be sufficiently cured in a way that any shrinkage has already occurred. In hot weather, dampen the slab one day before the application. For porous substrate it is recommended to apply **weberfloor 510 prime** and allow to dry before the application of **weberfloor 505 SLC**.

PRODUCT PREPARATION

Pour slowly each 25 kg bag of **weberfloor 505 SLC** into 6 to 6.5 liters of water while stirring with a lowspeed drill (<500 rpm). Mix for 2 to 3 minutes, until a homogeneous creamy paste is obtained.

PRODUCT APPLICATION

Spread the paste on the floor, with a large flat metallic trowel. Since **weberfloor 505 SLC** is self levelling, it absorbs all the irregularities of the substrate.

Applied layers must be from 3 to 8 mm. Wait 3 days minimum before covering the floor with carpeting, tiles, etc. The tolerance for substrate flatness after application of **weberfloor 505 SLC** is to have no variance greater than 3mm in 2m distance.



PACKAGING

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
25 kg	25 kg	25 kg	25 kg	25 kg	25 kg	25 kg	25 kg

CONSUMPTION

1.6 kg / m²/ mm thickness.

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 very fine powders which, when mixed with water, release alkalis that could be harmful to the skin. It is preferable to do the application in 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.

NOTE

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