

Cementitious pumpable screed

PRODUCT

weberfloor pump is a cementitious and fiber reinforced flow screed as a factory made dry mortar, grain size of up to 4 mm.

PROPERTIES

- Normal drying
- Flowable
- Grain size up to 4 mm
- Walkable after 24 hours
- Field areas up to 100 m² possible

SCOPE OF USE

weberfloor pump is excessive cement bounded and also suitable for permanent wet areas like commercial washhouses and garages.

As bonded screed, on separating layer or on insulation layer.

CHARACTERISTICS

Material consumption	Approx. 20 kg/m² and cm layer thickness
Application temperature	+5 bis +35°C Air and substrate
Hardening time	
before foot traffic	24 h
before light traffic	3 days
before common traffic	28 days
Yield	
Yield	Around 500 L/1000 kg
Drying time before	unheated floor < 3,0 CM % at all floor coverings PVC, linoleum, parquet, tiles, natural stone, carpet
Minimum thickness	30 mm bonded, 45 mm on insulation layer
Maximum thickness	80mm
Recommended layer thickness	45 mm
Use	
External use	No
Internal use	Yes
Water demand	Approx. 6.5 L./50 kg bag
Compressive strength	
28 days	> 15N/mm² EN 13892-2
Flexural strength	
28 days	> 4 N/mm² EN 13892-2



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
50 kg	50 kg	50 kg	50 kg	50 kg	50 kg	50 kg	50 kg

Shrinkage	
28 day	< 0.5 mm shrinkage gap 1ms
Physical requirements	
Reaction to fire	A 1 EN 13813
Fresh	Approx. 2.2 kg/dm³ density
Fibres	Yes
Recommended water content	13%
Pot life	Approx. 30 min
Hard density	Approx. 2.0 kg/dm³
Frost resistance	No

*Results obtained at 13% water ratio under lab. conditions.

*Properties listed above are only based on controlled laboratory samples and tests. Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature application methods, test methods, actual site conditions or curing conditions.

INSTRUCTIONS FOR USE

Before application, inspect the substrate to assess the amount of levelling needed. Screed thickness must be chosen according to local standard. Soft strips (> 10 mm) have to be applied on all vertical constructions. Positions of movement joints in dependency of room geometry.

A seamless layer surface is possible up to a maximum area of 100 m² and a maximum side length of 10 metres, where by

a width to height ratio of 2:1 is desirable.

When the surface can bear foot traffic, the levelling layer should be cut e.g. with an angle grinder. The joints are filled with an elastic jointing compound.

SURFACE PREPARATION

weberfloor pump is suitable for bonding constructions or as a floating construction also on insulation on every substrate. The substrate should be stable, clean, sound and dry, must be sustainable, free of dust, grease, loose cement, adhesive residue and other contaminants. The surface must be treated by mechanical preparation e.g. grinding, shot blasting. The surface strength of the substrate has to be at least 1,0 MPa (N/mm²) in residential buildings. It is recommended to apply **weberfloor 510 prime** and allow to dry before the application.

PRODUCT PREPARATION

With all common plaster machines and mixig pumps which are suitable for flowing screed e.g. mtec duo mix 2000, diameter of the hose > 35 mm optimal is 40 mm , static mixer is recommended.

Making sure no separation of water during application.

PRODUCT APPLICATION

Fix the high marks by using a levelling equipment to reach the specified screed thickness. The material is pumped into the site and evenly distributed by pivoting the hose, starting from the upper seperating layer. Reaching the specified layer thickness, use a (steelbar) wobble bar immediatly starting forceful lengthwise, then across more easier. Such wavelike movement is creating a good levelling and aerig.

CLEANING

With water.

RECOMMENDATIONS

Freshly applied surfaces need to be protected from airdraft. Direct sunlight and extensive heat for 3 days.Keep doors and windows closed. Joint cutting is possible after 48 hours. Surface grinding should be done earliest after 2 weeks or better shortly before floor covering.

OBSERVE

weberfloor pump needs to be covered with a floor covering. Low temperatures and high humidity increase drying time. Concrete moisture measurement must be done before floor covering.

Make sure that the chosen floor covering and adhesive is applicable on weber.floor pump. In case of doubt concerning

application, substrate or constructionl characteristics contact Sodamco-Weber for support.

Do not add any foreign matter.

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.

ENVIRONMENTAL ADVICE

Product hardens after mixing with water and can be disposed as constructive waste like mineral screeds or mortar.

SAFETY PRECAUTIONS

Product has a strong alkaline reaction with water; therefore, protect skin and eyes. Wear tightly sealed goggles, protective gloves and protective work clothing. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. The preparation is "low chromate". Safety data sheet is available upon request at www.sodamco.com. Hardened material is physiological and environmentally harmless.

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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