

# WEBER S 06 CEMENT MORTAR



- Inexpensive mortar for simple repairs
- Suitable for both indoor and outdoor use
- Resistant to freezing
- The product is a declared item in the Supply Chain Declaration Portal (SCDP) for New Buildings generation 4.

## ABOUT THIS PRODUCT

Frost resistant, class R2 cement mortar for simple filling and levelling applications.

## AREA OF USE

The product is suitable for filling and correcting faults in casts, and for repairing and fixing the surfaces of concrete walls, floors and ceilings at places where moisture and frost stress is minor according to concrete repair principles 3.1. Product fulfills the requirements of R2-class according to SFS-EN 1504-3. Recommended layer thickness 2-10 mm and maximum area of repaired surface 1 m<sup>2</sup> at most.

## SUBSTRATE

The substrate must be absorbent and free of dust, cement glue and other impurities that might weaken the adhesion. The minimum application temperature is +5 °C. Applications in direct sunlight or with strong winds should be avoided.

## MIXING

A sack of powder (25 kg) is mixed into 4-4.5 litres (16-18% of dry weight) of clean potable water. Exceeding the recommended amount of water must be avoided, as it

## PRODUCT SPECIFICATION

Material consumption	Approx. 10 kg/m <sup>2</sup> /5 mm layer thickness
Recommended water content	4-4.5 l/25 kg
Mixed volume	Approx. 13 l/25 kg
Pot life (Operating time)	Approx. 1 h
Binder	CEM I 52,5 N
Aggregate	Natural sand 0-0.6 mm
Additive	Additives that improve workability and weather resistance
Adhesion strength 28 days	> 0.8 MPa (EN 1542)
Compressive strength 1 day	Approx. 10 MPa (EN 12190)
Compressive strength 7 days	Approx. 17 MPa (EN 12190)
Compressive strength 28 days	Approx. 22 MPa (EN 12190)
Restrained shrinkage/expansion	Adhesion strength after test > 0.8 MPa (EN 12617-4)
Fire class	A1 (EN 13501-1)
Frost resistance	> 0.8 MPa (SFS-EN 13687-4)
Air content	8-12%
Chloride content	< 0.05% (SFS-EN 1015-17)
Density	Approx. 1900 kg/m <sup>3</sup>
Storage conditions	Shelf life is 12 months from date of manufacture (unopened package, dry space)
Package	25 kg sack
GTIN-codes	6415990410564 (25 kg)
Certifications	CE, Key Flag Symbol

will weaken the strength and increase contraction. Mixing is carried out using a concrete mixer. Small quantities can also be mixed using a drilling machine beater.

## WORK INSTRUCTIONS

Normal methods of applying and levelling are used for application of thin mortar. In connection with repairs and rendering applications general instructions as to moistening the substrate or brushing the adhesion layer must be followed. When repairing floor surfaces adhesion to the cleaned concrete substrate is ensured with weber MD 16 Primer, if necessary. Also refer to Weber's instructions for Repair Mortars, which is available in Finnish language.

## AFTER-TREATMENT

Once the application has been completed the cast is kept moist for at least 3 days by applying moisture and by preventing moisture from evaporating with the aid

of using plastic covers, for example. Aftercare is commenced immediately and the cast must remain moist throughout the period of aftercare. Aftercare is terminated in stages.

#### DISCLAIMER

As there are different conditions at every opportunity, Weber can not be held responsible for anything

other than the information provided under the heading "Product Specification". Examples of information and circumstances, which are outside Saint-Gobain (whether specifically stated or not) include storage, construction, processing, interoperability with other products, workmanship and local conditions.