



PACTO*Top* CemScreed 100

Cementitious Screed For Concrete Pavement And Floors- Up To 100mm

DESCRIPTION

PACTO*Top* CemScreed 100 is a premixed, cementitious, ready to use screed mortar that can be used from 30 to 100 mm thicknesses approximately. It comes in 2 grades, the normal one and the Polypropylene Fiber reinforced one **PACTO*Top* CEMScreed 100 F** for cracks reduction control.

TYPICAL USES

It is used to level substrates prior to laying carpets, floors, tiles and in car parks.

TECHNICAL DATA

Binder	Portland cement, together with selected admixtures.
Aggregate Size	0-10 mm
Water Mixing Ratio	6.5 to 7.5 litres per 55 kg unit.
Approximate Yield	25 to 27 litres per 55 kg bag
Wet Density	2.40 kg./ltr. approx.
Compressive Strength	>40 N/mm ² @ 28 days
Workability Time	Approx.45 min
Curing	better for 72 hours
Pack Size	50 kg Powder bag + 5 kg aggregates.
Shelf Life	12 months from the date of manufacture when stored in dry conditions
Specification	BS 1201, BS 882, DIN 4226

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

The substrate should be thoroughly cleaned devoid of dust, loose particles, formwork oil, grease and other contaminations that may affect the adhesion.

Spray clean water on the surface just before laying the screed. Free water on the surface should be allowed to disperse before applying the screed.

MIXING AND APPLICATION

PACTO*Top* CemScreed 100 must be mixed with potable water only, In a clean plastic bucket or a clean non- corrosive, uncontaminated metal tub. To ensure a homogenous and uniform mix, a mechanical mixer must be used. The amount of water to be added is approximately 6.5 -7.5 litres per unit. Add the screed to water in the mixer and mix till a homogenous mix is obtained. No further water should be added to the mix. Hard and set mortar should not be mixed nor used. In general, screeding should be carried out in accordance to the relevant standards and code of practice

FINISHING

If need be, **PACTO*Top* CemScreed 100** should be struck off to the correct level and finished with a steel trowel to fully close the surface. A textured surface can be achieved using a suitable roller or brush. The completed surface should not be overworked.

CURING

It is essential to properly cure the applied screed for a minimum period of 2 to 3 days (3-4 times daily). For application procedures for concrete containing cement replacements, the use of a curing compound (**PACTOCure WB**) is recommended. **PACTO*Top* CemScreed 100** can be cured with water, but better cured using a suitable curing membrane such as **PACTOCure WB** sprayed on to the surface of the finished mortar in a continuous film. Large areas should be cured as trowelling progresses at 0.5m² at a time. Avoid overspray at edges on to surrounding substrate. In fast drying conditions, supplementary curing with polyethylene sheeting taped down at the edges must be used.



EQUIPMENT CLEANING

PACTOTop CemScreed 100 may be removed from tools with water however cured material may only be removed mechanically.

PACKAGING AND YIELD

PACTOTop CemScreed 100 is supplied in 2 components, 50kg Powder bag and 5 kg bag of aggregates, yielding approximately 25 to 27 litres.

STORAGE AND SHELF LIFE

All products have a shelf life in excess of 12 months provided they are stored in dry conditions in the original unopened packs.

HEALTH AND SAFETY

PACTOTop CemScreed 100 contains cement powders, which when mixed or become damp, release alkalis, which can be harmful to the skin. During use, avoid inhalation of dust and contact with skin and eyes. Wear suitable protective clothing, gloves, eye protection and respiratory protective equipment. The use of barrier creams provides additional skin protection. In case of contact with skin, rinse immediately with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately – do not induce vomiting.

FLAMMABILITY

PACTOTop CemScreed 100 is non flammable.



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