



PrimeScreed 98

Dry Mixed Floor Screed

PrimeScreed 98 is a pre-packed cement based floor screed that replaces the traditional on site mixes of cement and sand. It is suitable for flooring and general mortar work. It contains cement, graded sand and chemical additives giving the user an easily workable wet mix by simply adding water on site.

FIELDS OF APPLICATION

- Floor screed work
- Non-structural repair and patching work
- Suitable for interior and exterior application

BENEFITS

- Excellent strength and crack control
- Suitable workability with extended working time
- High early strength
- Consistent quality controlled product and the benefits of pre-packed mortars
- Easy application by simply adding water

TECHNICAL DATA

PROPERTY	TYPICAL RESULTS
Compressive Strength @ 28 days (ASTM C109/109M: 2012)	≥ 25 N/mm ²
Flow (ASTM C1437: 2007)	80% - 120%
Water Absorption (ASTM C413: 2001 (2012))	< 5%
Flexural Strength @ 28 days (ASTM C348: 2018)	> 2 N/mm ²
Water Retentivity (BS 4551: 2005 + A1: 2010)	> 90%
Shrinkage (Coutinho Ring)	No Cracks
Stiffening Time (BS EN 1015-9: method A)	1.0 N/mm ² ≤ 360 minutes
	2.0 N/mm ² ≤ 420 minutes
Volume Change (ASTM C827/C827M: 2010)	< 1%
Working Time	40 minutes
Mixing Ratio (by weight)	12.50% - 15%
Volume Yield for 1 set of 40 kg	22 litres
Coverage per bag	- 0.55 m ² /kg/mm thickness

• All the data shown are based on controlled laboratory test (T=27±2°C and RH=60%)

SURFACE PREPARATION

- Surfaces to be applied should be free of unsound material, laitance, oil, grease or other contaminants.
- Defectives and unsound substrates has to be removed and repaired prior to application of **PrimeScreed 98**.
- Existing substrate expansion joint is to be continued through the new screed and any movements should be isolated with a movement joint.
- Pre-saturate substrate with water prior to application of **PrimeScreed 98**. This procedure is highly recommended for facilitating a Wet to Wet adhesion of cementitious screed onto cured substrate. However, do not allow ponding water; use a sponge to soak up excess water.
- Newly screed surface must be allowed to cure for at least 7 days before receiving tiling works. For timber flooring, newly screed surface must be air-cured for at least 14 days and prior to laying timber flooring to check the moisture content of the screed according to timber supplier specification.

Alternatively we recommend:

Applying a bonding mortar slurry coat on to the substrate for a wet to wet application of **PrimeScreed 98** onto cured substrate.

MIXING

- Add a 40 kg bag of **PrimeScreed 98** with 5 - 6 litres of clean water in a large pail. Mix well with a mechanical hand held mixer. Otherwise, a drum or a pan mixer can be used instead. Mixing shall continue for 3 - 5 minutes. Ensure that the mix is homogeneous and free of lumps. A consistent workable mix should be obtained.

PLACING

- **PrimeScreed 98** is to be applied as flooring screed by spreading with a wood float to obtain the desired even thickness. A thickness of 10 - 40 mm is suitable for laying. Finishing can then be done for a smoother appearance.
- Additional precaution for curing is needed on hot and windy days. This can be done by using wet Hessian cloths, plastics sheeting or the use of a suitable curing compound.
- For patching of holes or gaps of non-structural requirements on vertical walls, use a smaller amount of water during mixing to obtain a drier mix for a non-sagging consistency.

PRECAUTIONS

- Avoid eye and skin contact as the product is alkaline.
- Gloves, goggles and dust mask should be worn.
- Avoid inhalation of dust during mixing.
- Wash thoroughly after handling.
- In case of eye contact, flush with plenty of clean water. Seek medical help immediately.

PACKAGING & STORAGE

PrimeScreed 98 is supplied in 40 kg bags and has a shelf life of 12 months if stored in a cool and dry place in sealed packaging with sheltered protection from rain and sunlight.

DISCLAIMER

All information was prepared carefully, using current references available to us. Information provided is to the best of our knowledge and belief, accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself/herself as to the suitability and completeness of information provided here for their intended use. We do not accept liability for any loss or damage that may occur from the use of this information.