



WP Screed

Cement-based waterproof mortar for screeding and levelling of concrete floors under interior or exterior conditions

PRODUCT

WP SCREED is a specially blended premixed waterproof mortar for levelling rough and uneven concrete floors as underlayment or overlayment. It is also suitable for making slopes with thickness between 10 to 50 mm.

WP SCREED exhibits waterproofing properties which resist water seepage through concrete floors. WP SCREED also provides a suitable substrate to receive ceramic and homogeneous tiles, marble and granite slabs under interior or exterior conditions. WP SCREED can also be used as a block / bricklaying mortar.

TECHNICAL DATA AND PHYSICAL PROPERTIES

Colour	Grey
Binder	Ordinary Portland Cement
Filler	Graded sand
Additives	Water soluble additives to improve consistency, workability and adhesion strength.
Density	1.9 kg/litre (dry); 2.0 kg/litre (wet)
Compressive strength	> 25 N/mm ² *
Flexural strength	> 2 N/mm ² *
Thickness	10 - 50 mm
Water absorption	< 5% (ASTM C413 : 1994) *
Water penetration	< 5 mm (DIN 1048 : Pt 5 : 1991) *
Water retentivity	> 90 % (BS 4551 : Pt 1 : 1998) *
Shrinkage	No cracks using Coutinho Ring *
Pot life	1 hour
Consumption	Approx. 1.8 kg/m ² /mm thick
Water demand	Approx. 14 % or 5.6 litres/40 kg bag

* HDB requirements (SETSCO report available)

PROCEDURE

Ensure substrate is clean and sound. Remove loose particles, grease and traces of foreign materials that may affect adhesion. Mix product with the required amount of clean water. Mix thoroughly with a mechanical mixer until mixture is homogeneous. WP SCREED can be placed manually by hand or machine pumped. Mortar level pads are recommended to ensure correct and proper levelling or sloping of WP SCREED. Floor laid with WP SCREED should be cured for at least 24 hours prior to tiling works. No further addition of water is allowed to unused mortar that has exceeded its pot life or has begun to set.

For thicker applications with several layers, the layer underneath must be hardened and dry before applying the subsequent layer.

STORAGE AND PACKING

WP SCREED is delivered in 40 kg bags. Storage life is 6 months if product is stored in sheltered and dry place.

*Note: Because it is not possible to give specific instructions for the various site conditions or to control the applications, the information on this Technical Data Sheet is for general guidance only. Eastern Pretech Pte Ltd reserves the rights to amend the contents of the data sheet at its sole discretion.

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