

DA EARN

DA EARN SCREED WP *PRODUCT INFORMATION*

DESCRIPTION

Da Earn Screed WP is prepacked drymix waterproof floor screed. It is a polymer modified, shrinkage compensated cement based floor screeding material designed for waterproofing floor and deck topping at thickness of 10 to 40mm. Its formulation will provide a screed that has excellent strength and crack control.

USES

Da Earn Screed WP is formulated to be used for waterproofing both internal and external sound concrete substrates. It is design to have a plastic consistency, but yet highly workable, to allow the mason to form gradients to avoid trapping of water. **Da Earn Screed WP** is used for both new estates and upgrading estates for wet areas like kitchens, toilets, balconies and roof tops.

ADVANTAGES

- » Premixed to ensure high consistent quality delivered to site.
- » High convenience in handling the prepacked plaster.
- » Same amount of water is added to achieve consistency in workability.
- » Mixing and Application is easy.
- » High and compressive bonding strength.
- » Time and cost savings due to quick easy laying.
- » Shrinkage compensated.
- » For both internal and external uses.
- » Cleaning limited to just disposing used paper bag.

METHOD OF USE

SURFACE PREPARATION The surface to be laid should be free from dirt, dust, oil, grease or other contaminants. All concrete substrates must also be sound and hard with adequate strength to assure good bond. Any loose material must be removed by either vacuuming or by pressure washing.

It is recommended that the level of the existing surface be surveyed to check for excessive deviations which should be rectified.

MIXING

Pour one 40kg bag of **Da Earn Screed WP** into a mechanical mixer with approximately 5.70 - 6 litres of water and mix for about 3 minutes to obtain a homogeneous lump-free mix. Mixing can also be done using an automatic pump/mixer system.



PLACING

Spread the mix in one coat from 10-40mm either by pouring or pumping. To ensure uniform and level surface, the material must be continuously spread

CURING

DaEarnScreed WP should be allowed to cure for 4-6 hours before any tiling works is carried out.

PACKAGING

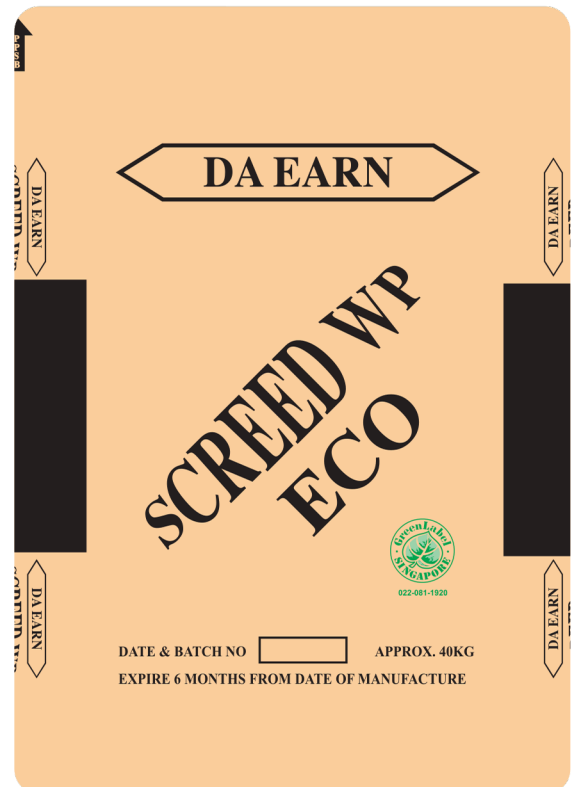
Da EarnScreedWP is supplied in 40kg at 50 bags per pallet.If stored in a cool and dry place, the shelf life of Da Earn Screed WP is approximately 12 months in unopened bags.

HANDLING

Da Earn Screed WP is non-hazardous, but work cleanly and wear protective clothing. Wear a filter mask to avoid inhaling dust. Remove splashes from skin with water and in case of eye contact wash copiously with water and if irritation persists seek immediate medical attention.

SPECIFICATION

PHYSICAL CHARACTERISTICS	
KG	40KG
WATER POWDER RATIO	5.70 - 6 Litres
COMPRESSIVE STRENGTH	=25N/mm ²
FLEXURAL STRENGTH	> 2N/mm ²
SHRINKAGE	No cracks
STIFFENING TIME (1.0 N/mm ²)	< 360 mins
STIFFENING TIME (2.0 N/mm ²)	< 420 mins
WORKABILITY TIME	30 mins
FLOW	80-120 %
VOLUME CHANGE	No more than -1 %
WATER RETENTIVITY	> 90 %
YIELD PER BAG (40KG)	Approximately 22 Litres
MECHANICAL MIXER	3 MIN
OPEN TIME	30 MIN
WORKABILITY TIME	30 MIN
POT LIFE	Approximately 30min
SELF LIFE	1 YEAR
CURING TIME (GENERAL CURING TIME)	Light foot traffic: Wait at least 24-48 hours after the screed is poured. The surface will be strong enough for light traffic, but avoid heavy loads or dragging furniture.
RECOMMENDED THICKNESS	10MM-40MM per layer
COVERAGE	Approx. 2.2-2.5m ² /10mm thick/40kg



TEST METHOD

ASTM C109/109M	2021
ASTM C348	2021
BS EN 1015-9	1999A(METHOD A)
ASTM C1437	2020
ASTM C827/C827M	2016
BS 4551 : 2005+A1	2013

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