

DA EARN

DA EARN SCREED PRODUCT INFORMATION

DESCRIPTION

DA EARN SCREED is prepacked drymix floor screed. It is a cement-based floor screeding material designed for use as a floor or desk topping at thickness of 10 to 40mm. It is specially formulated to provide excellent strength and crack control.

USES

DA EARN SCREED is formulated to be use on both internal and external sound concrete substrates. It is design to have non-slump properties but yet high workability to allow the mason to form a gradient to avoid trapping of water in estate upgrading or retrofitting applications. **DA EARN SCREED** also can be used for repairing of old worn concrete for both industrial and housing areas.

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** into a mechanical mixer with approximately 4.5 - 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.

PACKAGING

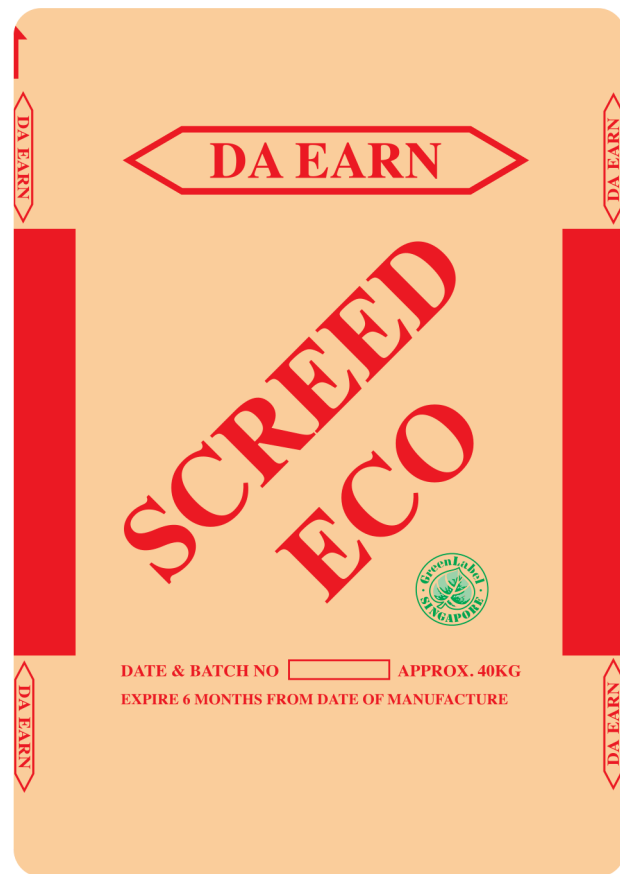
DA EARNSCREED is supplied in 40kg at 50 bags per pallet. If stored in a cool and dry place, the shelf life of DA EARN SCREED is approximately 12 months in unopened bags.

HANDLING

DA EARN SCREED 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	4.5 - 6 Litres
COMPRESSIVE STRENGTH	=25N/mm ²
FLEXURAL STRENGTH	> 2N/mm ²
SHRINKAGE	No cracks
STIFFENING TIME (1.0 N/mm ²)	300 mins
STIFFENING TIME (2.0 N/mm ²)	380 mins
WORKABILITY TIME	30 mins
FLOW	80-120 %
VOLUME CHANGE	No more than -1 %
WATER RETENTIVITY	> 90 %
YIELD PER BAG (40KG)	1800 kg/m ³ or 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. Ceramics: Usually requires about 2 days to cure after the initial 24-48 hour period. Resilient flooring: Typically requires 3 days to cure after the initial 24-48 hour period.
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	1999(METHOD A)
ASTM C1437	2020
ASTM C827/C827M	2016
BS 4551 : 2005+A2	2013

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