

am SCREED

DESCRIPTION

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

USES

am SCREED is formulated for both internal and external applications on sound concrete substrates. It is designed 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. **am SCREED** also can be used for repairing of old worn concrete for both industrial and housing areas.

ADVANTAGE

- Premixed to ensure high consistent quality.
- Convenience in handling.
- Same amount of water is added to achieve consistency in workability.
- Easy mixing and application.
- Excellent compressive and 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. Any loose material must be removed by either by vacuuming or pressure washing. All concrete substrates must also be sound with adequate strength to assure a good bond.

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

Mixing

Pour one 25kg bag of **am SCREED** into a mechanical mixer with approximately 3.75-4.25 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.

am SCREED should be protected against direct sunlight and drying winds after placing. If application of **am SCREED** is under direct sunlight, use **am FLEXICURE 102** for curing.

HANDLING

am SCREED is non-hazardous. Wear a filter mask to avoid inhaling dust and protective clothing and gloves while working. Remove splashes from skin with water and in case of eye contact, wash copiously with water. If irritation persists, seek immediate medical attention.

SPECIFICATIONS	
Water Powder Ratio	0.15-0.17 (3.75 – 4.25 litres of water per 25kg bag)
Compressive Strength	25 N/mm ² (ASTM C109:2002)
Flexural Strength	> 2 N/mm ² (ASTM C348:2002)
Shrinkage	No cracks (Continho Ring)
Stiffening Time (1.0 N/mm ²) (2.0 N/mm ²)	300 mins 380 mins (BS EN 1015:1999A)
Workability Time	30 mins
Flow	80 – 120% (ASTM C1437:2001)
Volume Change	No more than -1% (ASTM C827:2001)
Water Retentivity	> 90% (BS 4551:1998)

CURING

am SCREED should be allowed to cure for 4 – 6 hours before any tiling works is carried out.

CONSUMPTION

A 25kg bag yields approximately 13 Litres of **am SCREED** mix.

PACKING

am SCREED is supplied in 25kg bags at 60 bags per pallet.

SHELF LIFE

If stored in a cool and dry place, the shelf life of **am SCREED** is approximately 12 months in unopened bags.



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