

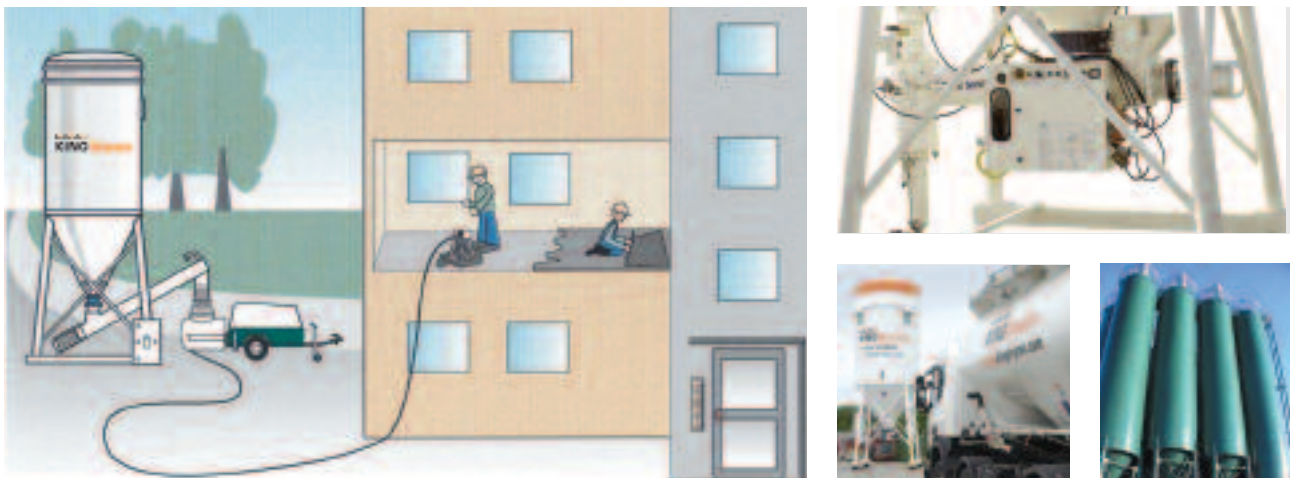
PRODUCT DATASHEET

KINGFLO SELF LEVELLING FLOOR SCREED

King Drymix's KingFlo is a self levelling floor screed, based on calcium sulphate. It is produced under strict quality controlled procedures in our state of the art plant and is far quicker and easier to apply than conventional screeds.

Kingflo is delivered to site in sealed silos, which can be topped up by tanker as the work progresses, allowing any size of job to be undertaken without interruption. On site it is pumped directly from the silo or blown dry to a pump, allowing distances of up to 120 metres and heights of 30 metres to be achieved.

The final product creates a smooth level surface for the application of floor coverings, tiles and other finishes. It is also ideal when used with under floor heating pipes as it provides greater heat efficiency.



PREPARATION

Flow (DIN 1060 test)	240-260 mm
Wet density	2200 kg/m ³
Dry density	2000 kg/m ³
BRE impact test	Less than 2mm
Flexural strength	3-6N/mm ²
Drying shrinkage	Less than 0.02%
Time to light foot trafficking	1 to 2 days
Drying time (20C/60%RH)	1 day/mm up to 40 mm 2 days over
Fire rating BS 476:Part 4	Non combustible
Thermal expansion coefficient	0.01 mm/mK
PH	11-12
Setting Time	Not less than 3 hours from mixing

Values approximate

cont.



FEATURES/ADVANTAGES

- far less labour intensive than semi dry
- up to 10 times the area can be laid in the same time as semi-dry
- silo dispensing allows use when required
- no waiting for truck mixers
- typical strength - minimum of 30N/mm²
- rapid strength development allowing foot traffic within 24 – 48 hours
- less thickness required than semi-dry
- minimal need for joints
- no voids or poor compaction
- environmentally friendly

COMPOSITION

KingFlo is a blend of computer batched calcium sulphate binder and carefully selected aggregates.

APPLICATION

This material is for use only with experienced or suitably trained contractors. The product has not been designed as a wearing surface.

OUTLINE GUIDELINES

- a damp proof membrane should be included where appropriate
- 5 mm compressible material is placed around all perimeter edges
- all structural joints must be extended through the screed
- area being screeded should be water tight
- areas requiring sanding, to remove fine laitance can be treated in 7 days
- control joints only required where continuous areas exceed 40 m
- suitable protection should be made against frost
- protect from rapid drying during the first 3 days
- under floor heating may be used after 7 days

THICKNESS

Bonded	25 mm
Unbonded over a solid base	30 mm
Floating on Insulation thermal or sound	40 mm
Cover over conduits or heating pipes	25 mm
Min thickness	25 mm
Max thickness	75 mm