



Technical Data Sheet **KEMFLOOR**

Kemfloor is a high-performance superplasticiser to be used to improve early strength development, workability and reduce drying times and shrinkage in a wide range of screed applications.



DESCRIPTION

Kemfloor is a high-performance superplasticiser that is designed to be used in a wide range of screed applications including pumpable, flowable and semi-dry. The specially designed formulation of the **Kemfloor** has excellent dispersion properties which result in improved workability, high water reduction, increased early strength development, reduced drying times and shrinkage. These performance benefits produce a screed with increased durability and allow for the faster application of subsequent floor coverings.

Cemkem Ltd
Wellington Street
Bury BL8 2BD
United Kingdom
sales@cemkem.co.uk
+44 (0) 161 762 0044



APPLICATIONS

Kemfloor has been designed to be used with all cement based semi-dry screed applications and flooring types:



Underfloor
Heated



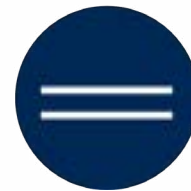
Large
Section



Bonded



Unbonded



Floating

*Screed should be laid in accordance with BS8204.

BENEFITS



Improved
Workability



Excellent Water
Reducing Ability



High early strength
development



Faster drying times
resulting in quicker
processing times



Reduced
Shrinkage



Low Water /
Cement Ratios



Cost Effective
Dose





ADDITION RATES

Dosage rate is dependent on the screed mix design, process, and types of materials used.

Recommended dosage levels are in the range of 0.4% - 1.0% by weight of cement.

It is recommended that a small trial mix using the **Kemfloor** is completed before final application to gauge mixing water required and to assess dose and open times.

For further technical information please contact your Cemkem Sales Representative.



PROCESS INSTRUCTIONS

Add the **Kemfloor** to the screed mix after the addition of the required gauging water. Mix for at least 1 minute prior to screed application. Never add Kemfloor to the dry mix ingredients and never reactivate screed mortar which is already setting. The application should ideally be completed within the temperature range of +5°C to max. +25°C (ambient and substrate temperature).

**A confirmation of the residual moisture content of the screed should be undertaken before the application of subsequent floor coverings. Installation of subsequent floor coverings must follow manufacturer's instructions.*

TECHNICAL DATA

Appearance

Brown / light brown liquid

pH

5.5 – 6.5

Bulk Density (g/ml)

1.015 ± 0.03

Water Solubility

Completely soluble



STORAGE

Kemfloor has a shelf-life of 12 months if stored in its original packaging. Must be stored between a temperature range of +5°C and +35°C. The product could potentially settle if it is exposed to temperatures below 5°C, this can be reversed by thawing and agitating thoroughly. Shake before use.

HANDLING

Full MSDS available on request. Avoid contact with skin and eyes. Protective goggles, gloves and dust masks should be worn at all times. The product is not classified, according to the CLP regulation.

PACKAGING

Kemfloor is supplied in 25 L jerry cans and 1,000 L IBC.



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