

Product Data Sheet  
Edition 07.2008  
Identification No. F - 3



## KEMFLOOR F

Flexible Epoxy Flooring System

### Description

**KEMFLOOR F** is a solvent free two components flexible epoxy floor coating..

### Where to use

**KEMFLOOR F** can be used in office and hospital construction. It is further used for producing of playing surfaces for tennis and boccia courts. It is also used to lay down flooring in TV-studios and terraces or balconies

### Advantages

- Waterproofing
- Elastic crack bridging.
- Weather resistant
- Abrasion resistant.
- Solvent free

### Properties

specs.	Tensile strength in N/mm <sup>2</sup>	Elongation in %	Tear resistance in N/mm <sup>2</sup>
After 7d / 23°C	6.2	100	1.19
After 7d / 80°C	19.3	95	1.55
After 28d / 50°C	10.6	103	1.48
After 28d / 80°C	11.4	65	1.96

### Technical informations :

Specific gravity	1.44 ± 0.04
Application Methods	Airless or Brush
Pot life at 23°C	45 min. ( reduced at higher temp )
Dry to touch	8 hours
Dry to recoat	Min :18 hours min. Max.3 days .
Fully cured	7 days

### How to use

#### Surface preparation:

Concrete Surface must be clean , dry, sound ,level and free from dust , oil, grease and loose par-ticles.

For full details refer to PROKEM surface preparation and application guide, available on request.

#### Mixing:

- Stir the contents of pack A to disperse settlement, then add pack B and mix until a uniform consistency is obtained.
- Adjust viscosity by adding PROKEM special solvent up to 5 %.
- Mixing ratio (1.85 : 1) by weight.

#### Application:

Apply KEMFLOOR F to the dry ,prepared substrate making sure a continuous film is achieved using a standard paint brush , roller or spray machine .

#### Theoretical Coverage :

Film Thickness per Coat in microns	Theoretical Spread-ing rate kg/sq.m
Dry 200	0.3
Wet 200	

#### Cleaning:

Tools and equipment should be cleaned with solvent immediately after use .

#### Packaging :

1 , 5 Kg pack (A+B).

#### Storage:

KEMFLOOR F has a 12 months shelf life if kept in its original packs in a dry conditions.

Product Data Sheet  
Edition 07.2008  
Identification No. F - 3



### Health and Safety

This product is of low toxicity but normal precautions should be observed. Wear gloves, and if working overhead or spraying, wear goggles. Wash off any skin splashes with soap and water. Irrigating the eye with an eye bathing solution should treat eye contamination. Ensure adequate ventilation in confined spaces and use breathing aids. If ingested, drink milk or water and seek medical attention.

### Additional Information

PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure. PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range.

For our customer's satisfaction, PROKEM extends technical services to include after sales support to assist users in a proper handling of our products.