

# KingFlex®

## Rubberized protection sheet.

### DESCRIPTION



KingFlex is a rubberized protection and separation sheet reinforced with synthetic fibers.

### APPLICATIONS

KingFlex is specially designed to be used over KingSure waterproofing membrane to provide protection from construction traffic.

KingFlex also acts as a separation layer between KingSure membrane and different topping layers that complete the waterproofing system.

### ADVANTAGES

-  Tough and durable.
-  Resists decomposing and rotting.

### METHOD OF USE

KingFlex should be properly aligned before application to ensure a 5 - 10 cm overlapping between sheets.

Embed KingFlex immediately after the application of the second coat of KingSure, it is important KingFlex is applied while membrane is still hot in order to ensure full contact.

### PACKAGING

KingFlex is supplied in rolls of 1 m width x 20 m Length.

### STORAGE

Shelf life is 1 year when stored under cover, out of direct sunlight and protected from extremes of temperature.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult KingKrete's Technical Services Department.

### TECHNICAL PROPERTIES

Thickness: UEAtcMoat 30	2 mm
Mass: UEAtcMoat 30	3.7 kg/ sqm
Density:	1.25 g/ cm <sup>3</sup>
Softening point: ASTM D36	≥ 135°C
Penetration of coating mixture: ASTM D5	8 ± 5 dmm @ 25°C
Flexibility: UEAtcMoat 27	Flexible @ 25°C
Static indentation resistance at maximum load of 20 kg: BS EN 12730	Not performed (method B)
Chisel puncture: (650 g, 0.5 m)	< 1 mm
Bitumen content: ASTM D545	> 75 % by weight
Water absorption: ASTM D5147	0.25%
Water vapour transmission: ASTM E96	0.20 g/ m <sup>2</sup> per day
Water permeability: UEAtcMoat 27	Impermeable
Chemical resistance:	Resistant to alcohol, salt solutions, dilute acids and alkalis

### HEALTH AND SAFETY

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Reseal containers after use. Use in well ventilated areas and avoid inhalation.



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## NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local KingKrete representative.

KingKrete Inc. reserves the right to have the true cause of any difficulty determined by accepted test methods.

## QUALITY AND CARE

All products originating from KingKrete's manufacturing facilities are manufactured under a management system independently certified to conform to the requirements of the quality standard ISO 9001.

\* Properties listed are based on laboratory-controlled tests.

® = Registered trademark of the KingKrete-Group in many countries.

### KK-ME-03.3-FX-R3-2601

#### STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this KingKrete Inc. publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

#### NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by KingKrete Inc. either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not KingKrete Inc. are responsible for carrying out procedures appropriate to a specific application.

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**Disclaimer:** the IAS mark relates to certified management system and not to the product mentioned on this datasheet





**KingFlex<sup>®</sup>**

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