



# KingFill<sup>®</sup> FB10

## Bitumen impregnated KingFill FB10.

### DESCRIPTION

KingFill FB10 is a compressible sheet manufactured from bitumen impregnated wood fibers. It is a non-extruding, compressible joint filler to form and fill expansion and isolation joints for in-situ and pre-cast concrete construction. KingFill FB10 can also be used as a protection board to protect waterproofing systems against mechanical damage.

### APPLICATIONS

KingFill FB10 can be used as:

- ☐ Expansion joints filler in concrete pavements, walls and suspended slabs.
- ☐ As a filler for joints in roads, runways and bridges.
- ☐ Protection board for waterproof, coatings, and membranes.
- ☐ For structural isolation joints.

### ADVANTAGES

- ☐ Excellent recovery.
- ☐ Low distortion.
- ☐ Easy to cut and handle.
- ☐ Will not extrude under compression.
- ☐ Rot-Proof.

### STANDARDS

KingFill FB10 complies with KingKrete Specification for Highway Works, Dec 1991 series 1000 clause 1015.

### METHOD OF USE

#### As joints filler:

KingFill FB10 shall be placed against the shuttering on the concreting side before the pour begins. Nails or suitable adhesive may be used to prevent displacement in joints in suspended slabs.

#### As protection board:

KingFill FB10 should be fixed to the waterproofing coating or membrane using a suitable adhesive.

### PACKAGING

Sheet size: 1.22 m x 2.20 m.  
Thickness: 12, 18, 25 mm.

### TECHNICAL PROPERTIES

Form:	Compressible sheet
Recovery: ASTM D1751	Greater than 75%
Extrusion: ASTM D1751	Less than 1.2 mm
Distortion: ASTM D944	Less than 0.7 mm
Weathering test: DTp CI 1015	No disintegration
Brittleness: ASTM D944	Does not crack or shatter

*\*The above tests were carried out on 25 mm thick samples.*

### 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.

### 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.

### 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.



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## QUALITY AND CARE

All products originating from KingKrete's Qatar facility 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.

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### 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.

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### 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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