

KingProof[®] Tape FLEX

Non-woven elastomeric parameter sealing tape.

DESCRIPTION

KingProof Tape Flex is manufactured from two layers of non-woven polypropylene sheets coated with a thermoplastic elastomer. KingProof Tape Flex is designed to be used in joints and corners in conjunction with the KingProof range and other systems from KingKrete.

APPLICATIONS

KingProof Tape Flex can be applied for waterproofing of construction and expansion joints in:

- ☒ Kitchen and bathrooms.
- ☒ Swimming pools.
- ☒ Balconies and terraces.

ADVANTAGES

- ☒ Internal and external applications.
- ☒ Waterproofing and sealing of joints.
- ☒ Withstands medium to high loads.
- ☒ Suitable for constant positive water pressure.
- ☒ Chemical resistant.
- ☒ Resistance to ageing.

METHOD OF USE

Substrate Preparation

Surfaces should be clean, sound and free from oil, grease, dirt or loose particles. Substrate should be dry, with no standing water. Spalled, cracked or defected substrate should be repaired. New concrete substrates should be at least 28 days old.

Contact KingKrete technical department for more information about the products which can be used in conjunction with KingProof Tape Flex.

APPLICATION

While the waterproofing coat is still wet place KingProof Tape Flex using a flat sided trowel. Press out any excess material while removing all the air bubbles and ensuring all parts of KingProof Tape Flex are embedded into the waterproofing layer. KingProof Tape Flex must have an overlap of at least 5 cm between consecutive rolls and corner pieces.

CLEANING

All tools and equipment should be cleaned following the manufacturer recommendations of the adhesive or waterproofing product which was used.

TECHNICAL PROPERTIES

Colour	Grey
Temperature resistance	- 30 to 90oC
Weight	360g/m ²
Total width	120 ± 5 mm
Total thickness	0.65 ± 0.1 mm
Elongation at break: EN ISO 527-3	
Longitudinal	120 N/15 mm
Transverse	25 N/15 mm
Tensile strength: EN ISO 527-3	
Longitudinal	70%
Transverse	300%
Moisture vapour resistance air equivalent: EN 1931	16 m
Water tightness: EN 1928, Version B	≥ 1.5 bar
UV resistance: EN ISO 4892-3 for duration of 500 hr	Pass

CHEMICAL RESISTANCE AFTER 7 DAYS IMMERSION IN THE BELOW CHEMICALS

Lactic acid 5%	Resistant
Citric acid 100g/ltr	Resistant
Sodium hypochlorite 0.3g/ltr	Resistant
Salt water 20g/l sea water salt	Resistant
Sulphuric acid 35%	Resistant
Hydrochloric acid 3%	Resistant

PACKAGING

KingProof Tape Flex is available in 5, 10 or 50 meter rolls.

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.



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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.

QUALITY AND CARE

All products originating from KingKrete's Middle East facility are manufactured under a management system independently certified to conform to the requirements of the quality standards ISO 9001, ISO 14001 and ISO 45001.

* 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.

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.

