

# KingProof<sup>®</sup> tape GP50

Knitted elastomeric parameter sealing tape.

## DESCRIPTION

KingProof Tape GP50 is manufactured with modified polyester knitted fabric coated with a thermoplastic elastomer. KingProof Tape GP50 is designed to be used in internal joints and corners in conjunction with the KingProof range and other systems from KingKrete.

## APPLICATIONS

KingProof Tape GP50 is applied for joints and corners in bathrooms, kitchens and flexible waterproofing solution for expansion joints.

## ADVANTAGES

- ☑ Economical, intended for internal applications.
- ☑ Waterproofing and sealing of joints.
- ☑ Withstands medium to high loads.
- ☑ Chemical resistant.

## 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 GP50.

## APPLICATION

While the waterproofing coat is still wet place KingProof Tape GP50 using a flat sided trowel. Press out any excess material while removing all the air bubbles and insuring all parts of KingProof Tape GP50 are embedded into the waterproofing layer. KingProof Tape GP50 must have an overlap of at least 5 cm between consecutive rolls and corner pieces.

## TECHNICAL PROPERTIES

|   |                      |
|---|----------------------|
| Colour  | Grey                 |
| Temperature resistance                              | - 30 to 90oC         |
| Weight  | 490 g/m <sup>2</sup> |
| Total width   | 120 ± 5 mm           |
| Coating width                                       | 70 ± 5 mm            |
| Total thickness                                     | 0.55 ± 0.1 mm        |
| Elongation at break: EN ISO 527-3                   |                      |
| Longitudinal  | 68 N/15 mm           |
| Transverse  | 43 N/15 mm           |
| Tensile strength: EN ISO 527-3                      |                      |
| Longitudinal  | 25%                  |
| Transverse  | 120%                 |
| 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 |

## CLEANING

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

## PACKAGING

KingProof Tape GP50 is available in 5, 10 or 50 meter rolls.

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## 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.

## 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.