

# KingStop<sup>®</sup> End Cap

Joint cap PVC waterstop.

## DESCRIPTION

KingStop End Cap is extruded from an elastomeric polyvinyl chloride rubber. KingStop End Cap is designed in precision engineered profile to stop any possible leakage from expansion joints in cast-in place concrete elements.

KingStop End Cap can be used in combination with the integrated waterproofing system as it is suitable for both, water retaining and water excluding structures.

## APPLICATIONS

KingStop End Cap is suitable for use in 50 mm expansion concrete joints in the following structures:

- ☐ Water reservoirs.
- ☐ Waste water treatment plants.
- ☐ Storage tanks.
- ☐ Retaining walls, foundations, basements and suspended slabs.
- ☐ Swimming pools.
- ☐ Subways, tunnels and culverts.
- ☐ Canals, pumping stations and underground chambers.
- ☐ Foundations, basements and suspended slabs.

## ADVANTAGES

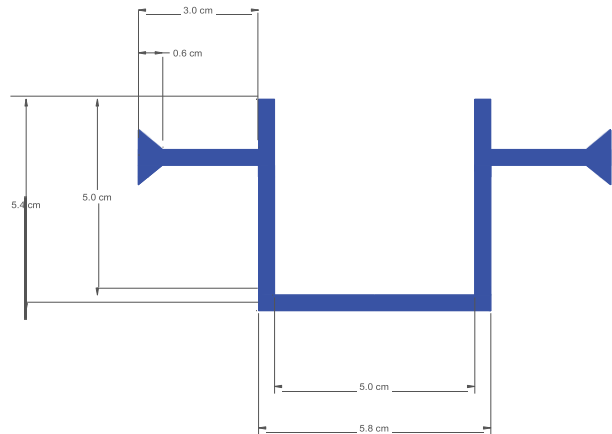
- ☐ Unique profile design.
- ☐ Has no effect on the quality of potable water.
- ☐ Can accommodate the movement of expansion joints.
- ☐ Prefabricated junction pieces.
- ☐ Easy to join on site.
- ☐ Resistant to wide diluted chemicals including hydrocarbons.

## TECHNICAL PROPERTIES

Colour:	Black & blue
Tensile strength:	≥ 13.0 MPa
Elongation at break:	> 300 %

## METHOD OF INSTALLATION

KingStop End Cap can be placed on top of the shutter or expansion board. Secure KingStop End Cap in place by nailing it below the flange to the expansion board.



## SITE WELDING

The key to a leak free waterstop network is correct onsite jointing. KingStop End Cap is made of thermoplastic PVC, and can be easily welded using suitable heating processes, such as welding knife.

Cut the edges to be welded in a sharp and straight line then secure the ends in a welding jig. Use the welding knife between the ends, until an even, molten bead appears. Remove the welding knife and press the ends firmly together. Consult KINGKRETE technical departments for further details.

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## JUNCTION PIECES

Full ranges of factory made junction pieces are available for all profiles, for the following:

- ☐ Cross junctions.
- ☐ T junctions.
- ☐ Corner pieces.
- ☐ L junctions.

Other non-standard pieces can be made as may be required by project shop drawings.

## PACKAGING

KingStop End Cap is available in 2 meter strips.

## 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 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.

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## KingKrete-Qatar/KingStop\_End Cap\_02/v2/07\_18

### 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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