

# King Seal® CR25

**Closed cell polyethylene backing rod.**

## DESCRIPTION

KingSeal CR25 is a closed cell polyethylene foam cord, non- absorbent and rot proof. KingSeal CR25 holds in position between both sides of the joint to help with tooling of the sealant and improve sealant contact with joint side to facilitate good adhesion.

## APPLICATIONS

KingSeal CR25 enables the correct width to depth ratio of the sealing slot to be maintained and provides a firm backing for the sealant to be tooled.

The use of KingSeal CR25 will also act as a bond breaker at the base of the joint thus preventing three sided adhesion and the accompanying additional stress during joint movement.

## ADVANTAGES

- ☐ Rot proof and non-absorbent.
- ☐ Available in different sizes.
- ☐ Readily compressible.
- ☐ Acts as bond breaker and minimizing strain for joint sealants.
- ☐ Provides a firm backing for sealant tooling.
- ☐ Easy to install.
- ☐ Economical.

## STANDARDS

KingSeal CR25 complies with ASTM C1330-96, Type C.

## METHOD OF USE

KingSeal CR25 diameter should be greater than the joint width by 20% to 25%. This will insure that it is held in position and the joint width/depth ratio is maintained.

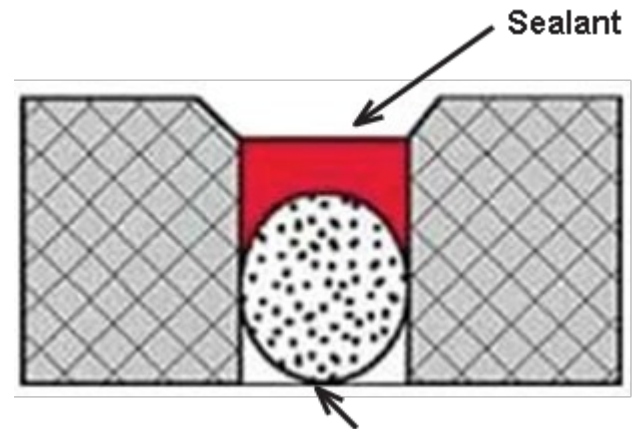
KingSeal CR25 cords may be installed by pushing to fit into joints.

## PACKAGING

KingSeal CR25 cords are available in the following diameters (6, 10, 15, 20, 25, 30, 40, 50 and 60 mm).

## TECHNICAL PROPERTIES

Density: ASTM D792	0.04 g/cm <sup>3</sup>
Cell size: ASTM D3576	0.82 mm
Water absorption: ASTM D570	0.08 mg/cm <sup>2</sup>
Elongation at break: ASTM D638	60%
Service temperature:	-20 to 100°C
Application temperature:	-5 to 100°C
Service life:	+ 20 years
Moisture permeability: ASTM D570	0.5 g/cm <sup>2</sup> @ 24 hr
Thermal conductivity: ASTM D5930	0.0406 w/m <sup>2</sup>
Permanent compression set: (100 KGF/cm <sup>2</sup> )	1 – 2%



# King Seal® CR25

## 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 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-04.1-SL-CR25-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.



# King Seal<sup>®</sup> CR25

---

---