

# KingProof® HR25

Heat resistant backing rod for hot sealant.

## DESCRIPTION

KingProof HR25 is a specialized cord made from cellulose wadding for use in the construction industry. The cord provides a natural barrier onto which hot sealants can be poured or extruded to make expansion joints.

## APPLICATIONS

- ☐ Expansion joint sealer in runways, motorways, cargo areas.
- ☐ All concrete slab construction.

## ADVANTAGES

- ☐ Does not melt.
- ☐ Allows hot sealants to cool easily.
- ☐ Prevents seepage and waste.
- ☐ Does not rot or disintegrate.
- ☐ Easy to install.
- ☐ Economical.

## TEMPERATURE STABILITY

-40°C to +200°C.

## METHOD OF USE

KingProof HR25 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. KingProof HR25 cords may be installed by pushing to fit into joints.

## ESTIMATING

KingProof HR25 cords are available in the following diameters (6, 10, 15, 20, 25, 30, 40 and 50 mm).

## 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.

## TECHNICAL PROPERTIES

Compressive strength: 10% 25% 50%	24 KPA 45 KPA 112 KPA
Tensile strength:	400 KPA
Elongation at break:	22%
Density:	138 kg/m <sup>3</sup>
Operating temperature:	-40 – 200°C

## Sealant

### KingProof HR25

## 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.



# KingProof® HR25

Heat resistant backing rod for hot sealant.

Ref: KK-08028-MEA-R01 | Issue: 01.2026

## 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.

KingKrete Middle East  
Qatar – Syria  
[www.kingkrete.com](http://www.kingkrete.com)

Disclaimer: the IAS mark relates to certified management system and not to the product mentioned on this datasheet

