



KingBond[®] EP50

One-part Low Modulus Neutral Cure Silicone Adhesive

DESCRIPTION

KingBond EP50 is a one-part, low modulus neutral cure silicone adhesive, which cures on exposure to moisture vapour to form an elastic silicone rubber.

APPLICATIONS

KingBond EP50 shows an excellent adhesive without primer to:

- ▣ Glass.
- ▣ Tiles.
- ▣ Ceramics.
- ▣ Aluminum.
- ▣ Epoxy and polyester.

ADVANTAGES

- ▣ Single component ready for use.
- ▣ Excellent adhesion.
- ▣ Priming is not required for most substrates.

METHOD OF USE

Surface Preparation

Surfaces must be clean, dry and free from all contamination. Primers may be required on some substrates. It is recommended that Don Technical Services Department should be consulted and advice obtained with regard to the choice of primer for specific purposes.

TECHNICAL PROPERTIES

Typical shore A hardness:	30
Application temperature:	5 - 50°C
Service temperature:	-50 -150°C
Skin time @ 20°C/ 65% RH:	5 mins.
Cure rate @ 20°C/ 65% RH:	2 mm/ 24 hrs.
Chemical resistance:	Resistant to most dilute acids and alkalis; organic solvents may cause the sealant to swell and lose adhesion, but do not directly dissolve the sealant
UV resistance:	Very good
Service life:	25 years +
Colours:	White, black, grey, mahogany, translucent & anthracite

Application

KingBond EP50 is supplied in cartridges and can be applied to the substrate using Caulking Gun.

PACKAGING

KingBond EP50 is available in 280 ml cartridges.



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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 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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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

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