

# KingBond<sup>®</sup> PU50

One component polyurethane based adhesive.

## DESCRIPTION

KingBond PU50 is a single component, moisture curing and flexible adhesive based on polyurethane resin especially designed for binding of metal pedestals to concrete substrates in raised flooring systems.

## APPLICATIONS

- Permanent installation of metal pedestals to concrete in raised flooring.
- Can be also used for installing a wide range of wood floor coverings.

## ADVANTAGES

- Exceptional adhesion strength with metal, wood and concrete surfaces.
  - Highly flexible adhesive.
  - Solvent free, environmentally friendly product.
- Easy to use.

## METHOD OF USE

### Surface Preparation

Concrete substrates should be structurally sound, smooth, dry and free from laitance with concrete relative humidity does not exceed 65%.

Both of the concrete surface and footplate pedestal should be clean and free from oil, grease and contaminations.

### Application

Apply KingBond PU50 on the concrete substrate in sufficient quantity to cover the entire area of footplate pedestal. Immediately, fix the pedestals on the applied layer of the adhesive, ensure that the pedestals are in a correct vertical alignment to provide well-levelled horizontal floor panels.

## TECHNICAL PROPERTIES @ 25<sup>0</sup>C:

Colour:	Beige
Application temperature:	Above 15°C
Open time:	≈ 20 min @ 25°C

## CLEANING

Clean all excess adhesive before it has cured with a dry clean cloth, cured material can be removed by mechanical means or using a proper solvent.

## PACKAGING

KingBond PU50 is available in 6 kg plastic bucket as well as 1 kg sausage.

## 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.



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## 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.

® = 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.

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