

KingSeal[®] RTLS

Universal silicone sealant.

DESCRIPTION

KINGSEAL RTLS is a universal one-part acetoxy cure silicone sealant, which cures rapidly on exposure to moisture vapour to form a resilient elastic silicone rubber.

APPLICATIONS

Recommended for use in sanitary applications, sealing wall joints formed in ceramic tiles in bathrooms and kitchens and perimeter joints formed around UPVC frames.

ADVANTAGES

- 🔧 High bond
- 🔧 One part sealant
- 🔧 Waterproofing
- 🔧 UV-resistance
- 🔧 Stable colour
- 🔧 High movement accommodation factor
- 🔧 High service life

METHOD OF USE

Joint Preparation

The joint surfaces must be clean, dry and free from all contamination. Primers may be required on some substrates.

Joint Backing

Where applicable, appropriate joint filler e.g. closed cell polyethylene foam, should be used to provide the correct joint depth.

Application

KINGSEAL RTLS is supplied in cartridges and can be applied into the joint using caulk gun. All joint preparation, priming, and sealant application should be carried out in accordance with BS8000 Part 16, the British Standard for the sealing of joints in buildings using sealants.

TECHNICAL PROPERTIES @ 25°C, 50% RH:

Consistency:	Soft paste
Tensile strength:	>1 Mpa
Elongation:	>250%
Density:	0.95 ± 0.05
UV resistance:	Very good
Skinning time:	20 min @ 20°C
Shore A hardness:	20 ± 5
Service temperature:	-20 up to 80°C
Application temperature:	5-40°C
Curing rate:	2mm/24 hr
Colour:	White, black and clear

PRECAUTIONS

KINGSEAL RTLS is not recommended on porous substrates such as concrete and stone. Also it is not recommended to be used on bituminous substrates or substrates based on natural rubber and EPDM.

Based upon acetoxy curing system, KINGSEAL RTLS can corrode mirror, silver, copper, brass and lead. Finally, it is not recommended to be used in submerged joints.

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 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.

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KK-ME-04.1-SL-RTLS-R3-2601

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