



# KingForm<sup>®</sup> 100SX

Solvent based formwork release agent.

## DESCRIPTION

KingForm 100SX is a high performance, formwork release agent consists of a unique blend of solvent borne mineral oil and other selective additives which are formulated to prevent the adhesion of newly poured concrete to formworks and thus, reducing the damage and ensuring a high quality, fair faced and stain free concrete with excellent surface finish.

## APPLICATIONS

KingForm 100SX is used as a release agent for all common types of absorbent and non-absorbent formwork allowing for easy stripping of formwork and improving concrete finish.

## ADVANTAGES

- Easy release, reduces damage to concrete surface and improves finish.
- Minimizes surface blemishes and staining.
- Improves fair-faced concrete quality.
- Reduces opportunity of damage to formwork.
- Extends formwork usable life.
- Minimizes cleaning of formwork before re-use.
- Inhibits corrosion of steel formwork.

## METHOD OF USE

### Substrate Preparation

Formwork SX must be cleaned of surface deposits, rust, concrete, oil or other materials. Inadequate cleaning may lead to surface blemishes.

Coating new timber formwork with a polyurethane sealer will protect the formwork, increase service life and improve concrete surface finish.

### Application

KingForm 100SX can be applied using brush, sponge or spray application.

## TECHNICAL PROPERTIES

Appearance:	Clear yellowish liquid
Specific gravity:	0.95 ± 0.05
Solid content:	22 ± 2% (by weight)

## COVERAGE

The actual coverage rate of KingForm 100SX depends on the type and absorbency of the formwork.

Typically, KingForm 100SX should be applied at 10 - 15 m<sup>2</sup>/ litre per coat for highly absorbent formworks such as new and unsealed timber surfaces and at a rate of 30 - 50 m<sup>2</sup>/ litre per coat over non-absorbent surfaces

## PACKAGING

KingForm 100SX is available in 25 litre jerrycan and 210 litre drums.

## 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.

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## KingKrete-Qatar/KingForm\_100SX\_02/v2/07\_18

### 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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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.

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