

# KingFloor® AS100

Non slip flooring aggregates.

## DESCRIPTION

Non-slip, chemically inert, graded, hard wearing aggregate available in four grades to suit most site requirements, they are identified as follows:

KingFloor AS100 No. 1 coarse

For use with Strongcoat SL, Strongcoat HB60 range and KingDeck systems or any other coating systems to produce a coarse textured, non-slip floor topping.

KingFloor AS100 No. 2 medium

For use with Strongcoat HB60, Strongcoat SL range and KingDeck systems or any other coating systems to produce a medium coarse textured floor finish.

Anti-slip Grain No.3 fine aggregate

For use with Strongcoat HB60, Strongcoat SL range and KingDeck systems or any other coating systems to produce a non-slip floor with a fine textured finish.

Anti-slip Grain No. 4 extra fine aggregate

For use only with Strongcoat WD20 or Strongcoat EC10 to provide a fine textured non-slip finish with thin floor coatings.

## APPLICATIONS

KingFloor AS100 are designed for use with Strongcoat resin products to produce non-slip industrial floors. Ideally suited for wet work areas in abattoirs, breweries, dairies, chemical industries, food processing areas, loading bays, ramps and walkways.

## ADVANTAGES

- ☐ Range of products to suit most applications.
- ☐ Special grading to suit Strongcoat range products.
- ☐ Pre-packed ready for immediate site use.

## METHOD OF USE

### APPLICATION INSTRUCTIONS

- ☐ All KingFloor AS100 should be clean and dry prior to application.
- ☐ KingFloor AS100 No. 1, No. 2 and No. 3 are designed for use with Strongcoat HB60, solvent free, resin based, roller applied floor coating, and Strongcoat TC2, and Strongcoat SL self-smoothing, solvent free epoxy floor toppings.

Anti-slip grain	Finished floor	Finished floor thickness for strong coat HB60
No.1	Coarse	2.0-2.5 mm
No.2	Medium	1.0-2.0 mm
No.3	Fine	0.75-1.5 mm
No.4	Extra fine	0.3-0.6 mm

- ☐ In the case of application onto the Strongcoat SL products, a final coat of Strongcoat HB60 is applied.
- ☐ KingFloor AS100 No. 4 is used in conjunction with Strongcoat WD20 and Strongcoat EC10 floor coatings.

## APPLICATION

The specially graded aggregates are “scattered” onto the first rolled coat of Strongcoat resin flooring whilst it is still wet. Sufficient KingFloor AS100 should be applied to completely cover or “blind” the surface.

The selected anti-slip grain should be allowed to fall vertically onto the resin coating rather than be thrown across the surface as this may cause bridges or scour the coatings, and damage the continuous film of the resin flooring.

When the first coat has dried, the excess aggregate can be brushed or vacuumed off the substrate and provided it is still clean and dry can be re-used.

The final roller coat of Strongcoat EC can then be applied to produce a hard wearing, chemically resistant non-slip floor. The texture and thickness of the floor is determined by the choice of the anti-slip grain.

## PACKAGING

KingFloor AS100 is available in 25 kg bags.



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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 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.

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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

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.

