

KingAdd[®] 25VE

High performance viscosity enhancer for self-compacting concrete.

DESCRIPTION

KingAdd 25VE is a high performance viscosity enhancer polymer specially designed to increase the cohesion of self compacting concrete mixes to reduce the chances of segregation and bleeding.

KingAdd 25VE should be used in combination with KINGKRETE KingAdd range for the self compacting concrete mixes to get the maximum efficiency.

APPLICATIONS

- Self compacting concrete.
- For high levels concrete pumping where the high dosage of water reducer should be used.

ADVANTAGES

- Minimizes segregation and bleeding problems by improving cohesion.
- Optimises cement utilization.

COMPATIBILITY

KingAdd 25VE can be used with all types of Portland cement and cement replacement materials.

KingAdd 25VE should not be used in conjunction with other admixtures unless KINGKRETE Technical Department approval is obtained.

STANDARDS

KingAdd 25VE complies with EN 934-2.

METHOD OF USE

KingAdd 25VE should be added to the concrete with the last third of the mixing water to achieve optimum performance.

Automatic dispenser should be used to dispense the correct quantity of KingAdd 25VE to the concrete mix.

TECHNICAL PROPERTIES

| | |
|-------------------|--------------|
| Colour: | White liquid |
| Freezing point: | ≈ -1°C |
| Specific gravity: | 1.03 ± 0.02 |
| Chloride content: | Nil |

DOSAGE

The guidance dosage of KingAdd 25VE is 0.1 - 0.8 litres per 100 kg of cementitious materials in the mix, including GGBFS, PFA or microsilica.

Representative trials should be conducted to determine the optimum dosage of KingAdd 25VE to meet the performance requirements by using the materials and conditions in actual use.

EFFECTS OF OVER DOSAGE

Over dosing of KingAdd 25VE will reduce the slump retention significantly.

CLEANING

KingAdd 25VE can be washed with fresh cold water.

PACKAGING

KingAdd 25VE is available in 25 litres pails, 210 litres drums and 1000 litres bulks supply.

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.

® = Registered trademark of the KingKrete-Group in many countries.

AD-25VE-R3-2601

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.

