

ADVA[®] 223

New generation admixture for performance enhancement of high quality concrete

Product Description

ADVA[®]223 is a high performance, new generation mid-range water reducer based on comb polymer technology. This product is designed to enable the production of pervious concrete and is also suitable for application in high flow concrete or self-consolidating concrete. It is a ready-to-use liquid admixture with superior dispersing capacity for the cement particles in the concrete mix, imparting an enhanced paste rheology. ADVA 223 contains no added chloride. One litre weighs approximately 1.08kg ± 0.02kg.

ADVA 223 complies with the requirements of admixture specifications: SS 320: 1987. BS 5075: Part 3.

Addition Rates

Addition rates of ADVA 223 can vary with type of application. Depending on the application, dosage rates can range from 400 to 1,500mL / 100kg of cementitious material. Please consult your local GCP representative for details.

Product Advantages

- Provides long slump life with controlled set times and no loss in strength.
- Finishes easily without stickiness, tearing or spotty set characteristics.
- Less susceptible to segregation and bleeding.
- Quick and easy application to the concrete mix water for rapid batching.
- Produces superior & consistent quality pervious concrete mixtures.

Dispensing Equipment

Please contact your local GCP representative for further information regarding the dispensing equipment for this product.

Packaging and Storage

ADVA 223 is available in bulk and in 205L drums. ADVA 223 contains no flammable ingredients.



Compatibility with Other Admixtures

Most water reducers or water-reducing retarders are compatible with ADVA 223 as long as they are added separately to the concrete.

Caution should be exercised when using ADVA 223 with a retarder, as excessive retardation can occur if the admixture dosages are too high. Pre-testing of the concrete should be performed to optimise dosages and addition times of these admixtures. The admixtures should not be in contact with each other before they enter the concrete.

ADVA 223 is not compatible with DAREX[®]Super 20 and DARACEM[®] products.

Health and Safety

See ADVA 223 Material Safety Data Sheet or consult GCP Applied Technologies.

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