

DURAHIT® Concrete Dispersion 600

Item No 0322

Polymeric dispersion for the production of porous concrete applied in road constructions

FIELDS OF APPLICATION

DURAHIT® Concrete Dispersion 600 is a high quality polymeric dispersion, which increases concrete's durability and improves both its bending tensile strength and workability.

The dispersion is designed for concrete applied in road constructions, and particularly suitable for producing open-pored concrete, which allows rainwater to trickle.

DURAHIT® Concrete Dispersion 600 enhances the rheological qualities of the cement paste and stabilizes the cohesion of fresh concrete. Therefore the risk of draining off of aggregates is minimized.

Furthermore, the special compound of the product improves the qualities of hardened concrete: DURAHIT® Concrete Dispersion 600 may lead to a better frost and freeze-thawing salt resistance, an increased resilience and an improved impact strength.

The durability of the components is affected positively.

DOSAGE

Recommended dosage range 5 – 20 mass-% of cement content.

Include total quantity of DURAHIT® Concrete Dispersion 600 to water content when calculation w/c-ratio.

WORKING PRINCIPLE

DURAHIT® Concrete Dispersion 600 increases the bending and tensile strength of concrete, which results in a higher resistance to external influences. Hence the endurance of concrete is increased.

TECHNICAL DATA

Homogeneity	homogenous
Colour	white
State	liquid
Density	1.03 ± 0.02 g/cm ³
pH-value	8 ± 1
Workability	from +5 °C
Shelf life	approx. 6 month after production
Storage	Store in unopened, original sealed packaging between +5 °C and +25 °C. Protect from frost and insolation.

PROCESSING INDICATIONS

DURAHIT® Concrete Dispersion 600 is either added to the mixing water or after water dosage.

The mixing time must comply with the regulations defined in EN 206-1.

This product is not classified as hazardous according to the CLP regulations. See safety data sheet for further information.

PACKAGING

- 30 l can
- 200 l barrel
- 1000 l container
- loose by bulk supply

REMARKS

This information describes the application- and processing possibilities of a product and its operation principles under regular conditions. Having no influence on the further application and processing, especially in conjunction with other construction materials, the given indication are neither a warranty in respect of the product's properties or its fitness for a particular purpose nor a full instruction of use. This information, any other recommendation or verbal advice are not binding and do not infer to any liability or legal demand.

Due to continuous further development, the most recent Technical Data Sheet is valid and will be supplied on request. All orders are accepted subject to our current general terms and conditions.

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SUITABILITY- AND PRE-TESTS ARE NECESSARY BEFORE APPLYING THE CONCRETE ADMIXTURE.