



ULTRAFLOW TECHNOLOGIES

CONCRETE ADMIXTURES AND FIBER

ULTRAFLOW-3230

High Range Water Reducer
Polycarboxylate Technology

DESCRIPTION

ULTRAFLOW-3230 is a high range water reducer which utilizes polycarboxylate polymer technology. ULTRAFLOW-3230 excellent setting characteristics, up to 40% water reducing, its effectiveness in the production of concrete with different levels of workability including Self Consolidating Concrete (SCC), as well as superior compressive and flexural strength make ULTRAFLOW-3230 an ideal superplasticizer. ULTRAFLOW-3230 is a liquid of low viscosity and does not contain intentionally added chlorides.

USES

- ULTRAFLOW-3230 is used in precast and prestressed concrete
- ULTRAFLOW-3230 is used in the production of mixes for Self Consolidating Concrete
- ULTRAFLOW-3230 is used for high performance concrete.
- ULTRAFLOW-3230 produce concrete with very low water/cement ratio
- ULTRAFLOW-3230 produce concrete with very high slump or fluid
- ULTRAFLOW-3230 is used in concrete with very high early strength

ADVANTAGES

- Meets the requirements of specification ASTM C 494 Types A y F, ASTM C1017 Type I, and AASHTO M 194
- Water Reduction of up to 40%
- High workability with low water content
- Improves the hydration of the cement
- Low dosage
- Accelerates the stripping time
- Allows fast use of pavements where repairs have been made using ULTRAFLOW-3230

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WARRANTY: The information herein is to assist customers in determining whether our products are suitable for their applications. Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before use and satisfy themselves as to contents and suitability, nothing herein shall constitute a warranty, express or implied, including any warranty of merchantability or fitness, nor is protection from any law or patent to be inferred. All patent rights are reserved. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for special, incidental or consequential damages.

APPLICATION

ULTRAFLOW-3230 is dosed at the rate of 2 to 5 fluid ounces per 100 lbs of cement (130ml to 326ml per 100Kg of cement) for traditional precast. If an accelerator is used with ULTRAFLOW-3230, add the accelerator after you have dosed the ULTRAFLOW-3230. For other applications, use ULTRAFLOW-3230 at the rate of 2 to 10 fluid ounces per 100lbs of cement. (130ml to 652ml per 100kg. of cement.

For best superplasticizing results, add ULTRAFLOW 3230 directly to the concrete in the concrete mixer after the concrete has been wetted out.

COMPATIBILITY WITH OTHER ADMXTURES

ULTRAFLOW 3230 is highly effective as a single admixture or in combination with other IMI admixtures. Other admixtures should be dosed separately. However, ULTRAFLOW 3230 should not be used in concrete that contains admixtures based on naphthalene such as MEGAFLOW or based on MEGAFLOW . ULTRAFLOW 3230 should not be in direct contact with any other admixture before or during the batching process. When an air entrainment admixture or an extended slump admixture like IMIX RB910 or IMIRB910W is used, they should be dosed at the beginning of the batching sequence and afterward ULTRAFLOW 3230 should be dosed directly to freshly mixed concrete in the concrete mixer at the end of the concrete cycle.

