



ULTRAFLOW-2175

High and medium Range Water Reducer

DESCRIPTION

ULTRAFLOW-2175 is a high and medium range water reducer that utilizes polycarboxylate polymer technology. ULTRAFLOW-2175 is specially formulated and modified to comply to the needs of the ready mixed concrete industry. ULTRAFLOW-2175 complies with the requirements of ASTM C494 – Types A and F and ASTM C1017 Type I. ULTRAFLOW-2175 is a low viscosity liquid ready to use. ULTRAFLOW-2175 does not contain chlorides.

USES

- ULTRAFLOW-2175 is specifically intended for use in applications where a very high slump, low water cement ratio, requires a high range water reducer.
- ULTRAFLOW-2175 is ideal to use in the placement of concrete with special forms where easy placing and consolidation is required.
- ULTRAFLOW-2175 is used in precast concrete.
- ULTRAFLOW-2175 can also be used in applications for conventional residential concrete that require a medium range water reducer. ULTRAFLOW-2175 produce concrete with workability characteristics in high and moderate slump. ULTRAFLOW-2175 is very efficient and economical for optimizing the use of cement in concrete mixes of conventional concrete. ULTRAFLOW-2175 can be in conjunction with an admixture to extend slump life such as IMIXRB-100.

INTERNATIONAL MATERIALS INDUSTRIES, L.L.C.

2800 North Johnson Street* New Orleans, Louisiana 70117 * PHONE: (504) 267-3341 * Fax: (504) 267-3345

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ADVANTAGES

[ULTRAFLOW-2175](#) also offers the following characteristics to the concrete:

- Provides flexibility in production where it can be used as high range water reducer or medium range water reducer.
- High early strengths
- Good workability using low water content in the concrete.
- Low water cement ratio.
- Cement economy
- Improves the overall concrete surface and finishability.

APPLICATION

[ULTRAFLOW-2175](#) is dosed at the rate of 3 to 15 fluid ounces per 100 lbs of cement (195ml to 978ml per 100Kg of cement). To use it as a Type A admixture, it should be is dosed at 3 to 6 fluid ounces per 100 lbs of cement (195 to 391 ml/100kg of cement) and as Type F admixture, it should be dosed from 7 to 15 ounces per 100 lbs of cement(456 to 978ml per 100kg de cement).

For best superplasticizing results, add [ULTRAFLOW 2175](#) directly to the concrete in the concrete mixer after the concrete has been wetted out.

COMPATIBILITY WITH OTHER ADMIXTURES

[ULTRAFLOW 2175](#) is highly effective as a single admixture or in combination with other IMI admixtures. Other admixtures should be dosed separately. However, [ULTRAFLOW 2175](#) should not be used in concrete that contains admixtures based on naphthalene such as [MEGAFLOW](#) . [ULTRAFLOW 2175](#) should not be in direct contact with any other admixture before or during the batching process. When an extended slump admixture like [IMIX RB910](#) or [IMIXB910W](#) is used, they should be dosed at the beginning of the batching sequence and [ULTRAFLOW 2175](#) should be batched afterward directly to freshly mixed concrete in the concrete mixer at the end of the concrete cycle.

