

UltraTM series

AQUA



USE ULTRA SERIESTM AQUA WHEN PLACING CONCRETE IN FLOWING OR PENETRATING WATER.

Program

Add UltraSeriesTM Aqua to concrete exposed to flowing water during placement. UltraSeriesTM Aqua gives concrete the ability to maintain its paste and water / cementitious ratio when placed in water. This is critical to maintaining coverage of steel reinforcement and overall durability of your structure.



Applications

UltraSeriesTM Aqua is recommended for any under-water application of concrete or when placing in fully saturated conditions. When conventional products or placing methods will result in high percentage loss of material, use UltraSeriesTM Aqua for:

- Pilings in wet soil conditions
- Bridge piers and pilings
- Seawalls and shoring

Benefits

Consider several aspects when placing concrete in water. UltraSeriesTM Aqua;

- Minimizes the environmental effects of cement washout in to rivers, streams and ponds.
- Reduces segregation when placing concrete through reinforcement
- Maintains water/cementitious ratio and therefore durability of the structure
- Reduces dewatering costs and adds alternative construction options.



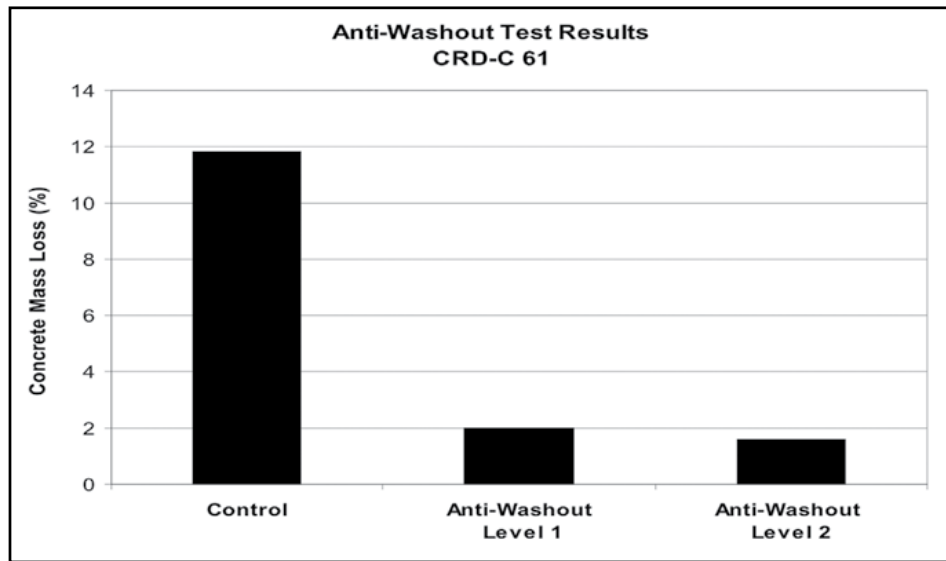
Technical Benefits

UltraSeriesTM Aqua affects viscosity and therefore reduces paste loss even in highly fluid, high water / cementitious material ratio concrete designs. It is available in Levels 1-2 in 5 strengths.

- Has no adverse effect on strength and air entrainment properties.
- Compatible with sulphate resistant cements.

TAKE ADVANTAGE OF SAVING MONEY BY NOT THROWING IT INTO WATER.

As an experienced contractor, you know the risks of having the placement of concrete fail. Use UltraSeries™ Anti-Washout and reduce your risk of poor quality in place. Conventional concrete is not designed to hold cement pastes when exposed to flowing water and the cost of these repairs can be extreme.



The chart above is representative properties of concrete. All test results are subject to certain testing conditions, ambient conditions, raw materials properties and concrete mix designs.



UltraSeries™ Aqua

PRODUCT GROUP	AQUA LEVEL 1 (80% reduction in loss of concrete mass)	AQUA LEVEL 2 (90% reduction in loss of concrete mass)
20 MPA	AW L1, CAT 20	AW L2, CAT 20
25 MPS	AW L1, CAT 25	AW L2, CAT 25
30 MPS	AW L1, CAT 30	AW L2, CAT 30
35 MPS	AW L1, CAT 35	AW L2, CAT 35
40 MPS	AW L1, CAT 40	AW L2, CAT 40

Test result performance improvements are all under ideal controlled conditions and may not represent actual field result.

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