

UltraTM series

FLOW



bringing materials to *life*[™]

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AFFECT THE FLOW WITHOUT ADDING WATER.

Lafarge offers customers products to increase the productivity of their crews as well as maintain the quality of concrete.

Program

Use a simple way to achieve changes to the slump of your concrete to adapt to the conditions of your particular project or structure. With UltraSeriesTM Flow, you can order 3 levels of slump change with 5 strength ranges.

Applications

UltraSeries Flow makes the concrete physically easier to place without the addition of water. Use UltraSeries Flow for:

- High strength concretes
- Vertical walls and columns
- Structures with heavy steel reinforcement
- Floor slabs and exterior flatwork
- Color and Decorative concrete

Benefits

The cost of typical concrete materials and placing is a small component of the total cost of your structure. The potential costs of repairing defects is very high. Use UltraSeriesTM Flow to:

- Maintain crew productivity every day
- Help prevent costly repairs and scheduling issues from defects
- Minimize concrete segregation when placing through steel
- Speed placement of concrete overall.

Technical Benefits

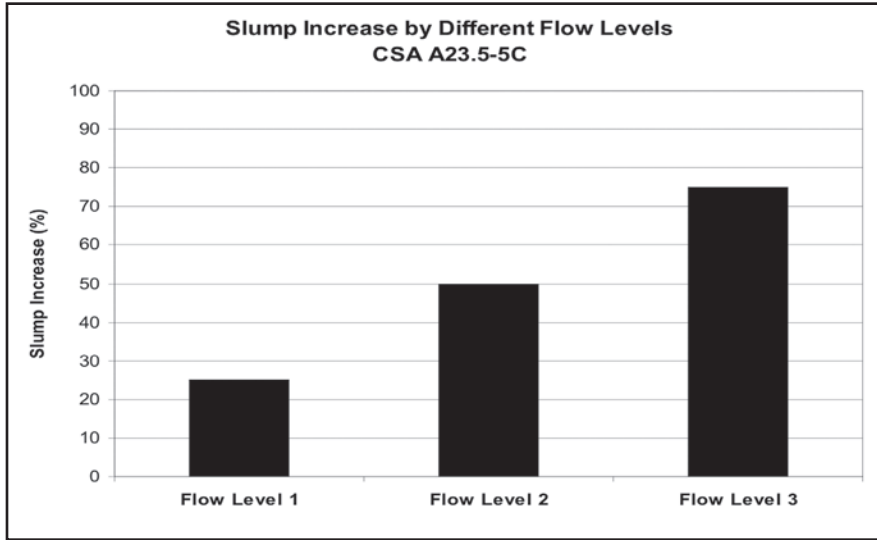
UltraSeriesTM Flow maintains all performance properties without degrading the quality or voiding warranty with the use of excess water.

Flow means adding the flow required while;

- Maintaining strength performance
- Maintaining permeability and air void structure
- Minimizing plastic shrinkage and potential for segregation
- Not affecting color or chloride contents

AFFECT PRODUCTIVITY WITHOUT AFFECTING QUALITY.

Concrete is clearly specified with criteria for the in-place performance of the structure. The compressive strength, the air-void ratio, the aggregate sizing, and more. UltraSeries™ Flow allows you to maintain all the specifications that are demanded but still improve crew productivity and ensure that work gets done correctly the first time.



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™ Flow

PRODUCT GROUP	25% SLUMP INCREASE	50% SLUMP INCREASE	75% SLUMP INCREASE
20 MPA	FLOW L1, CAT 20MPA	FLOW L2, CAT 20MPA	FLOW L3, CAT 20MPA
25 MPA	FLOW L1, CAT 25MPA	FLOW L2, CAT 25MPA	FLOW L3, CAT 25MPA
30 MPA	FLOW L1, CAT 30MPA	FLOW L2, CAT 30MPA	FLOW L3, CAT 30MPA
35 MPA	FLOW L1, CAT 35MPA	FLOW L2, CAT 35MPA	FLOW L3, CAT 35MPA
40 MPA	FLOW L1, CAT 40MPA	FLOW L2, CAT 40MPA	FLOW L3, CAT 40MPA

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

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