

UltraTM series

COMMAND SET



bringing materials to *life*[™]

FOR INTERNAL USE ONLY, DO NOT DISTRIBUTE



USE COMMAND SET TO INCREASE YOUR PRODUCTIVITY

Improve setting time and get maximum productivity from construction crews with UltraSeriesTM Command Set.

Program

Lafarge offers you a way to accelerate concrete at any time on your project or structure. With UltraSeriesTM Command Set, take advantage of highly skilled and large crews by accelerating the setting time of concrete. Select from 3 Levels across 5 strengths ranges.

Applications

When the ambient temperature slows typical setting, and pushes your crew into overtime wage rates, take control by changing the setting characteristics of the concrete. Command Set can be used in:

- Concrete Walls and Floors
- Grade Beams and Toppings
- It is ideal when project location is close to concrete supply

Benefits

In situations due to cold sub grade and dropping temperature where concrete sets too slowly, Command Set is one more tool for you to:

- Avoid costly Remove and Replace situations
- Avoid costly overtime
- Control your labour productivity

Technical Benefits

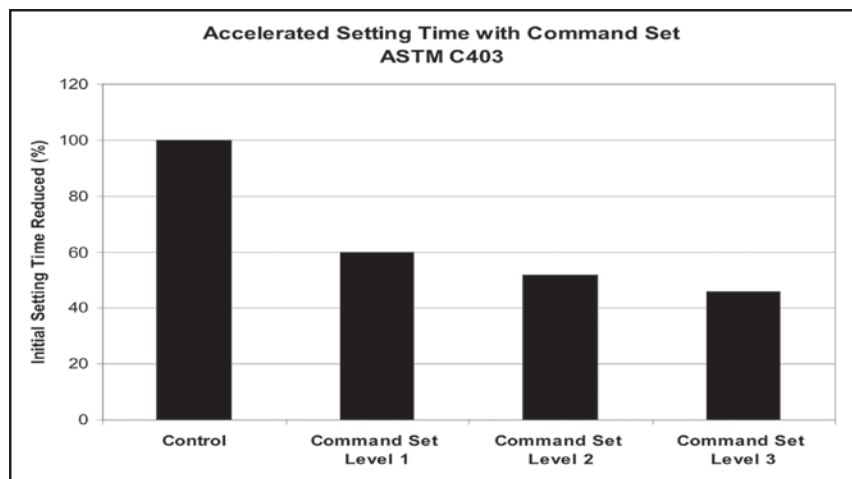
UltraSeriesTM Command Set effectively accelerates the beginning of the cement hydration process. While this is a cost effective acceleration method;

- It has no adverse effect on the performance properties of the concrete in place.
- It is not compatible with sulphate resistant cement and steel reinforced structures.
- It is not recommended for color concretes.
- It is ideal when interior floors and walls are not exposed to sulphates or ground water.

TAKE ADVANTAGE OF SKILLED AND HIGH CAPACITY CREWS BY SHORTENING SETTING TIME.

As an experienced contractor, you know when the weather and other site conditions are putting you at risk of losing a concrete pour or having to provide external heat. Prepare ahead of time and include Command Set in your order as a precaution.

It can be used for accelerating setting time in cool weather conditions. Command Set is for concrete that does not contain steel reinforcement over time when combined with moisture in external conditions.



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™ Command Set

PRODUCT GROUP	Command Set Level 1 (40% Reduction)	Command Set Level 2 (50% Reduction)	Command Set Level 3 (55% Reduction)
20 MPa	CS L1, CAT 20MPA	CS L2, CAT 20MPA	CS L3, CAT 20MPA
25 MPa	CS L1, CAT 25MPA	CS L2, CAT 25MPA	CS L3, CAT 25MPA
30 MPa	CS L1, CAT 30MPA	CS L2, CAT 30MPA	CS L3, CAT 30MPA
35 MPa	CS L1, CAT 35MPA	CS L2, CAT 35MPA	CS L3, CAT 35MPA
40 MPa	CS L1, CAT 40MPA	CS L2, CAT 40MPA	CS L3, CAT 40MPA

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

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