

UltraTM *series*

CUSTOMIZED CONCRETE SOLUTIONS

Performance designed for your project.

Lafarge.ca



ULTRA SERIES

The Lafarge Ultra Series provides our broadest range of specific concrete solutions customized to meet your project's technical requirements. These enhanced performance concretes ensure that you maximize the quality of our concrete offering with the specific performance best suited to your project.



FEATURES

Professional Expertise

Backed by the results of research at our European and Canadian labs, the Ultra Series is Lafarge's response to developing custom solutions for each unique undertaking. With a range of performance enhanced concretes that maximize performance, rigid standards are applied to manage plasticity control, setting characteristics, strength gain, alternate and secundary reinforcement options, and more. Lafarge's Ultra Series offers additional benefits to our consistently high quality ready mix offering.

OWNER BENEFITS

Legacy of Quality

With more than 500 different formulations, LafargeHolcim's product offering is ideal for any application from the most simple to the most sophisticated.

Our global research efforts draw on the expertise of a variety of markets and applications.

Economy

Using the right product at the outset encourages efficeincy and long term cost mitigation. Our local sales and quality teams assess your project and recommend the most cost effective high performance solutions.

Access to our qualified installation and construction team is available through Lafarge Construction Services - freeing you up to manage the project through to completion.

APPLICATION DRIVEN PERFORMANCE

Quick Set

Avoid delays caused by pouring concrete in cold weather.

Delay Set

When ambient conditions or remote locations require an extended open time prior to concrete set, the performance enhancer will adjust setting timelines while maintaining concrete integrity.

Anti Washout

Maximize performance of concretes installed in wet conditions, including reduced segregation pouring through reinforcements and subequent cement washout. Ideal for piers, pilings, and shoring.

Flow

Use Ultra Series Flow to increase the workability of your concrete mix for ease of placement. Available in up to four different levels, all slump and workability requirements can be without affecting concrete quality.

Watertight

When containing water - whether in a swimming pool, water treatment plant, or in an environment with frequent exposure to pooling water, Ultra Series Watertight offers an affordable and durable performance enhancer to block water ingress and extend the lifetime of your concrete.

Anti Abrasion

Toughen your surfaces, reduce longterm maintenance costs on wearable surfaces and provide higher quality without affecting workability.

High Strength

Unique ventures with load bearing columns may benefit from high performance allowing for high length to diameter ratio.

High Early Strength

When a project is on a fast track, these specifically designed mixes allow for rapid strength gain, pumpability, and durability to minimize labour costs and timeframes for rapid access.

Reduced Shrinkage

For commercial and industrial floors, issues caused by shrinkage and cracking are mitigated by the use of UltraSeries Reduced Shrinkage mixes. These mixes provide increased crack control and a higher quality slab. For an increased level of perofrmance, consider Lafarge's Extensia mixes.

FiberPlus Poly

The construction process is simplified with the inclusion of precise dosages of polypropylene fibers in lieu of traditional reinforcement. Ideal for concrete used in driveways, precast elements, and space with large surface-to-thicknessratios.Fiberreinforcedconcretescan also help reduce shrinkage cracking in warm weather.

FiberPlus Steel

Applications with heavy load access will benefit from the high quality and cost effective addition of steel fibers - eliminating or reducing the requirement for steel mesh or rebar, offering higher tensile and flexural strength.