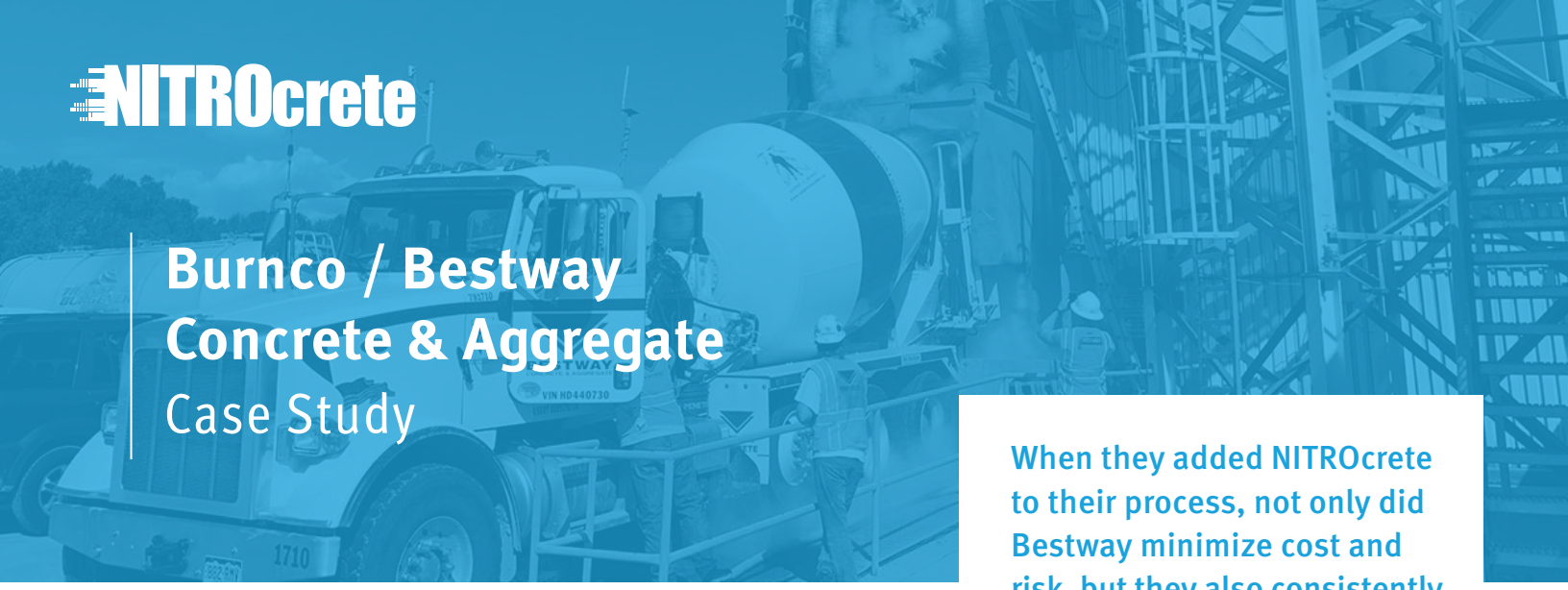
NITROcrete

Burnco / Bestway Concrete & Aggregate

Case Study



When they added NITROcrete to their process, not only did Bestway minimize cost and risk, but they also consistently cooled the 90° concrete to 50° batches.

Every pour. Every time.

JOB

In the shadow of the Rocky Mountains, Bestway Concrete faced a mountainous challenge of their own in constructing a biomedical and bio-nuclear waste vault for a large hospital in west Denver. The job required pouring concrete for 4-foot thick walls.

NITROcrete's precision helped Bestway execute a challenging project while minimizing liability and cost.

CHALLENGE

As if the mass concrete wasn't challenging enough, the bio-nuclear waste vault also demanded adherence to stringent specifications for density to prevent thermal microcracking. When it comes to biomedical and bio-nuclear waste, not one wants to screw up. No leaks. No botched batches. Add to this the unseasonably warm temperatures radiating through Denver in early September, and Bestway could have faced a real problem. Uncooled loads were batching in the mid to upper 90s, when they needed to batch in the 50s.

SOLUTION

That's when Bestway discovered NITROcrete, a safer way for precision-cooling concrete, even to the difficult parameters required to contain bio-medical and bio-nuclear waste. With NITROcrete, Bestway delivered loads that registered temperatures in the 40's, without affecting any other concrete performance parameters. The test pour alone exceeded the efficiency of all previously tested cooling methods in the sweltering Denver heat.

NITROcrete allowed Bestway to deliver on their customer needs, while ensuring safe containment of biomedical and bio-nuclear waste near a population-dense area.

Take Charge of Your Cooling.

www.nitrocrete.com
970.587.7863