



CUSTOMER CASE STUDY

Anatolia Capital Corp (ACC) is the real estate division of Anatolia Group Inc. Its business activities include the purchase, development and lease of commercial and industrial properties. Bekaert steel fibers provided a high-performance yet economical solution for the floor of Anatolia Capital's 190,000 square foot state-of-the-art industrial facility in Bolton, Ontario.

The challenge

“ The original design of the property's floor incorporated the use of large quantities of rebar. However, with increasing pressure on both construction schedule and costs, Anatolia Capital was looking for an alternative solution that would both increase the speed of construction and reduce project costs, thus increasing the potential profitability from this real estate development.

The solution

“ The Bekaert team worked closely with the designer and flooring contractor. Together they came up with a solution using Dramix® 3D 55/60 BG steel fibers to replace the originally specified rebar. By eliminating the labor-intensive installation of rebar, the speed of construction accelerated. The steel fiber solution also proved to be significantly less expensive than using rebar, as it allowed for a reduction in the thickness of the concrete floor. The Dramix® 3D 55/60BL was used at a dosage of 25 kg/m³ and the slab thickness was eight inches. The result is a high-performance interior floor suitable for a variety of demanding end uses.

ANATOLIA CAPITAL

BOLTON, ONTARIO, CANADA

PROJECT SPECIFICATIONS

Project type:
Warehouse/distribution center

Application:
Saw-cut floor

PARTNERS

- General contractor:
Maple Reinders
- Flooring contractor:
Northfleet Concrete Floors Inc.
- Designer: Dorlan Engineering Consultants



Location: Bolton, Ontario, Canada