



CUSTOMER CASE STUDY

Corbec is the leading steel galvanizer in Canada. Its five plants can handle steel products of all shapes and sizes. The company has constructed its fifth galvanizing plant in Hamilton, Ontario. The facility features fully automated material handling and state-of-the-art environmental protection. It's the largest, highest capacity and most cost-effective galvanizing operation in North America. Bekaert's steel fibers were used to construct a high-performance concrete floor suitable for a heavy industrial steel plant.

The challenge

“ A very tight construction schedule for this facility had to be met. Moreover, the specifications regarding loading requirements, abrasion resistance and impact resistance were extremely high, given that this is a heavy manufacturing industry with the presence of heavy-duty cranes and forklifts and large amounts of heavy steel elements being processed in this facility.

The solution

“ The Bekaert team worked closely with the engineer of record and the general contractor to come up with an optimized solution. It met the construction schedule for the 90,000 square foot building and it ensured the necessary high impact resistance and abrasion resistance. The resulting 10-inch concrete slab was reinforced with Dramix® 4D 65/60 steel fibers.

CORBEC GALV. PLANT

HAMILTON, ONTARIO, CANADA

PROJECT SPECIFICATIONS

Project type:
Manufacturing hall

Application:
Saw-cut floor

PARTNERS

- General contractor: AEC Developments Inc.
- Flooring contractor: DIRM Concrete
- Designer: WalterFedy Engineering



Location: Hamilton, Ontario, Canada