

Mix Plant Bakery Extension & Warehouse

Carmelray Industrial Park, Laguna, Philippines

BACKGROUND

Mix Plant Inc., a pre-mixed bakery and food products manufacturer in the Philippines needed to build a space where they could test, manufacture, and store their food products. The waterproofing and construction of the multi-building project, which included a Bakery Extension, a Technical Building, and a Warehouse, was completed in June 2018. The plant was particular about using construction materials that were relatively safe for food manufacturing. The General Contractor, Romari Construction, was looking for a product that would waterproof the concrete permanently and could also be applied easily. Liquid applied membranes were first considered but the contractor was not convinced that it would make for a long-term solution.

SOLUTION

Given the reliable history of Kryton products, the project leads decided to choose Krystol Internal Membrane™ (KIM®) to waterproof the 3 buildings. KIM is certified by NSF Standard 61 Drinking Water System Components as safe for contact with potable water, and is therefore, an ideal admixture for a food manufacturing plant. Moreover, the ease with which KIM admixture could be applied allowed the contractors to complete waterproofing and construction activities ahead of time, even when the Ready Mix Concrete deliveries were late. A total of 2,270 kg of KIM concrete was used for the floors of all 3 buildings. KIM helped address both the food-safety concerns of the owner and the permanent waterproofing and ease of use concerns of the contractor. The owner's site representative was satisfied that the finished floors showed no signs of cracking. The contractors were very impressed with the technical support provided by Kryton's Authorized Distributor, Winblast Resources Corp, and were happy that the project was completed on time without any complications.

OWNER:

Mix Plant Inc.

ENGINEER:

Jose Ailing Construction Management Inc.

CONTRACTOR:

Romari Construction Inc.

APPLICATOR:

Winblast Resources Corp.

DISTRIBUTOR:

GMC Ready Mix.

PRODUCTS:

Learn more at kryton.com
Krystol Internal Membrane™ (KIM®)



Bakery Extension: 35 m³ of concrete – 175 kg of KIM



Technical Building: 62 m³ of concrete – 310 kg of KIM



Warehouse Building: 357 m³ of concrete – 1785 kg of KIM

Kryton International Inc.

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