Project:
Lluvia Confectionary Factory

Location:
Mingalardon Industrial Zone, Yangon

Project completed:
2018

Owner/s:
Joint Venture of Mitsubishi Corp & Capital Diamond Star Group

Applicator/Contractor:
Heaven City Construction Co., Ltd, Myanmar

Designer/Architect/Specifier:
Surbana Jurong Consultants (Myanmar) Co.,Ltd

Market sector:
Food and Beverage

Products used & amounts:
Ucrete MF 8100 m^2
Ucrete DP Top Coat 100 m^2

Seamless and hygienic flooring for one of the biggest confectionary factory in Myanmar

Our reference in Mingalardon Industrial Zone, Yangon (Myanmar): Lluvia Confectionary Factory

The background

Liuvia Confectionary Factory Project is the first production facility set up by Mitsubishi Corp & Capital Diamond Star Group (C.D.S.G) Joint Venture.

It is one of the biggest confectionary factory in Myanmar to produce confectionary and bakery products for local consumption.

Original specifications called for a self-leveling epoxy floor for the production area, where there is a line-up of ovens for commercial bakery plant.

Project timeline is short and the main contractor is looking for fast turn-around, matt finished system to squeeze the installation duration.

The challenge

Overall project period was limited to two months for the construction of the entire 8,000 m^2 building including surface preparation and coving works for the flooring system.

Climatic condition is the main challenge in Yangon as ambient moisture is relatively high due to rainy days which greatly affect the whole construction process for concreting and getting the substrates ready for the floor installation.

Liuvia Confectionary also requires a durable and highly-cleanable, hygienic floor with matt finished which can resist contant heat from the ovens.

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Our solution

Ucrete MF is self-leveling polyurethane resin floor with matt-finishing which matched the project specification.It is HACCP-approved and highly cleanable (almost to stainless steel grade) with heat resistant properties out-performing epoxy flooring.

Ucrete MF is moisture tolerant and fast in turn-around time for installation which helps to meet the project deadline.

The customer's benefit

- No need compromised aesthetic values as Ucrete MF provides up to 8 standard colors for selection with a matt finishing which is more suitable for industrial application compare to epoxy floor
- Seamless and imprevious overlay system easy to clean and non-toxic
- No disruption to baking process as any potential impact on the floors from de-lamination or thermal-cracks is eliminated
- Covings were easily interrogated to the brick walls as well as insulation panels dure to good bonding properties of Ucrete MF to the substrate
- Non-skid flooring system imperative in the F&B and foor processing environment

Projects facts at a glance

- Biggest confectionary factory in Myanmar
- 8,000 m^2 of production area installed with self-leveling polyurethane concrete flooring
- J.V of Mitsubishi Corp & Capital Diamond Star Group

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