



**SIKA AT WORK**  
**LOTTE KOLSON PVT. LTD**  
**PRODUCTION UNIT, LAHORE**

SIKA FLOORING SOLUTION FOR FOOD INDUSTRY

BUILDING TRUST



# LOTTE KOLSON PVT. LTD PRODUCTION UNIT, LAHORE

## SELF-LEVELING FLOORS, CHEMICAL RESISTANT EPOXY COATING & LIQUID WATERPROOF MEMBRANE

### Project:

Lotte Kolson (Pvt.) Limited is a subsidiary of Lotte Group. The name is synonymous with dynamic and innovative food products related to snacks, biscuits, cakes and pasta. A household name since 1942, Kolson has been a leading confectionery and food manufacturing company in Pakistan with a big share of worldwide exports as well. It has the distinction of being one of the pioneer food processing industries in Pakistan. Lotte Kolson with an aim to expand its investment base in Pakistan set up its new state-of-the-art plant at Phool Nagar, Multan Road, Lahore for the production of snacks.

### Project Requirements:

Kolson believes in setting high standards of manufacturing, each product is produced using systematic production process, high technology & the finest raw & packaging materials, sourced globally. New production unit of Lotte Kolson demanded various Sika solution related to flooring principally and waterproofing. Client demanded self-smoothing epoxy flooring system at a thickness of 2mm in following areas of production unit i.e prayer room, Raw material storage room, oven process area, Bubblegum production area and future extension area. In addition to this, epoxy coating was also demanded for boiler room area, air compressor room, UPS room, transformer room and utility building. Sika aggregates for special flooring application were also needed for flooring and coving purpose with epoxy primer for laying intermediate surface under epoxy flooring and coating. Lastly, high chemical resistance, epoxy coating was demanded for waterproofing of water tanks. In order to fulfill the purpose of waterproofing of exposed roof one-component waterborne liquid applied waterproofing membrane was demanded.



## Sika Solution:

Since 1910 Sika has provided products and systems with clear objectives – to optimize the construction process and extend the service life of the structure. Sika is a global provider of Cleanroom suitable materials for application in different industries. Working jointly with Lotte Kolson team solutions according to each of their needs were specified at the project. Flooring was installed at a total area 13,500 Sqm in different areas of their production unit. Company required flooring that is durable, impermeable, without joints where dust can't accumulate, and made of a material of fast and easy cleaning. For finishes, the products demanded were sikaloor-161 as epoxy primer for Sikaloor-263 self level epoxy flooring screed in 5 mm thickness. Sikafloor-263 SL is a self-smoothing and broadcast systems for concrete and cement screeds with normal up to medium heavy wear e.g. storage and assembly halls, maintenance workshops, garages, loading ramps, car parks, etc. Sikadur Aggregates Sikadur 504 & Sikadur 506 was also suggested in conjunction with Sikafloor-263 SL for flooring and Sikafloor-264 for coving respectively. Sikafloor-264 is a two-part epoxy roller and seal coat. Furthermore, Waterproofing products were suggested at a covered area of 24000 Sq. ft namely Sikagard-PW and Sikalastic 560. Sikagard -PW is a heavy duty protective epoxy coating approved for contact with potable water. Sikalastic-560 is an eco-friendly liquid applied roof waterproofing solution Based on Sika Co-Elastic Technology (CET) for exposed roof waterproofing.



**Project Name:** Lotte Kolson Pvt. Ltd.

**Project Owner:** : Lotte Kolson

**Contractor:** Lotte ENC

**Sub Contractor:** Unicorn solutions