



SIKA AT WORK

PHOENIX BATTERY PRODUCTION FACILITY PROJECT, KARACHI

SIKA SEAMLESS FLOORING SOLUTION FOR FACTORIES

BUILDING TRUST



PHOENIX BATTERY PRODUCTION FACILITY PROJECT, KARACHI

SELF-LEVELING, HYGIENIC FLOORING SYSTEM

Project:

With the annual production of more than 0.5 million batteries Phoenix batteries are the first choice of many customers nationwide. Phoenix now has been developed and recognized as one of the superior and high quality brands of Century Engineering Industries which is the parent company of Phoenix battery. Century industries were established in Karachi, Pakistan in 2005. Phoenix has been established with the vision of becoming a prominent feature in OEM's (Original equipment manufacturers) and related institutions by producing batteries for every type of vehicle.

Project Requirements:

With over 15 years of experience Phoenix batteries aim to not only offer a high quality solution but also ensure guidance for its customers so they can make the right decision every step of the way. In order to meet dynamic requirements of customers Phoenix is always investing in its production facility by continually enhancing the quality of the product to supply power solutions in Pakistan's most challenging environment. Working on the same vision Phoenix wanted a seamless flooring solution. Sika offered its renowned hygienic and durable flooring system to meet this requirement. Sika floors are slip resistant, easy to clean and ensure safety in production. Production facility in Gulshan-e-Myanmaar required new flooring as they didn't want to opt for tiling solution due to unhygienic tile joints and cracks hence, Sika's Self-leveling flooring system was demanded. A combination of epoxy primers for priming of substrates and also for excellent bonding to the floor were given with very low emission cement based leveling compound for laying of seamless floor which was laid at a thickness of 0.5 mmm.

Sika Solution:

Considering the specifications demanded by the Client Sika offered its optimum flooring system Sikafloor-264 which is LEED Certified. Flooring was demanded for entire production zone where batteries are produced and assembled which makes upto 20,000 Sq ft area in total. Sikafloor-264 is a economic, solvent-free coloured epoxy resin . It's a Self-smoothing and broadcast systems for concrete and cement screeds with normal up to medium heavy wear.



Coupled with Sikafloor-264 SL Sikafloor-161 epoxy primer was also specified by the client. Sikafloor-161 is an economic, two part, low viscosity epoxy resin. It is used as an Intermediate layer underneath Sikafloor-264 SL. Sikafloor-161 primer was used for priming the substrates and also for bonding of the flooring. In addition to this, Sika Primer 1 which was recommended which is used for clean adhesion with Sikafloor-300 Level which is a cement based self-leveling compound for filling, smoothing and leveling of suitable substrates before applying parquet, ceramic tiles, textile and elastic floor coverings.



Final look of Flooring at Phoenix Battery Production Facility, Karachi

Project Name: Phoenix Battery Production Facility, Karachi

Project Owner: Century Industries Pvt. Ltd.

Consultant: Phoenix Battery Production Facility

Applicator: Athena Chemicals Ltd.

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