



SIKA AT WORK

SIKA FLOORING SOLUTIONS
AT DANFOSS INDIA LIMITED, CHENNAI

BUILDING TRUST



SIKA ANTI STATIC FLOORING TECHNOLOGY AT DANFOSS INDIA LIMITED, CHENNAI



SIKA SOLUTIONS FOR ANTISTATIC FLOORING IN NEWLY CONSTRUCTED PLANT

Danfoss India helps the country address infrastructure challenges and plays a crucial role in saving electricity costs through energy-efficient heating, ventilation, and air conditioning (HVAC) solutions. It is estimated that energy efficiency, if mandated by the government and implemented strongly, can help improve the overall gross domestic product (GDP) output by 2%. Today, the Turbocor technology, one of Danfoss' award winning applications, is a high efficiency oil-free centrifugal compressor that can provide extremely high energy savings for HVAC systems. It can reduce up to 35-50% of energy consumption of a commercial HVAC system, helping cut down on a building's overall energy consumption by as much as 30-40%. In a scenario where two-thirds of the country's infrastructure is yet to be built, solutions such as these can help realise the nation's agenda of creating smart yet sustainable cities.

Project Requirements

Sika Flooring Solutions for Newly Constructed Plant

PE Production Lab, Testing Lab : ESD Flooring : 3500 m². The Resistance to ground values (Rg) values requirement was 2 to 10 Mega Ohm and it was a stringent requirement

Walkway, Engineering Stores : Epoxy Floor : 3500 m²

Sika Solution

PE production Lab : Sikafloor Epocem was recommended because substrate moisture was greater than 4 % content and Sikafloor®-235ESD was recommended based on the resistivity of the floor required and the requirements of Rg was very stringent

Walkway & Engineering Store: Sikafloor®-81 Epocem®@ 2mm +

Sikafloor®-261hs@1mm was recommended because of heavy loads and moisture barrier requirements.

Sika Products

- Sikafloor®- 80 Primer
- Sikafloor®- 81 Epocem
- Sikafloor®- 161
- Sikafloor® Leitset (Earthing Kit)
- Sikafloor® Kupferleitband
- Sikafloor®- 220W Conductive
- Sikafloor®- 235 ESD

Project Participants

Client : Danfoss India Limited

Architect Consultant : CRN Architects

Applicator : Perfect Finish contracting , Bangalore



SIKA® FLOORING SOLUTIONS



SIKAFLOORING® SOLUTIONS WITH DANFOSS INDIA LIMITED, CHENNAI

WHO WE ARE

Sika AG, Switzerland, is a globally active specialty chemicals company. Sika supplies the building and construction industry as well as manufacturing industries (automotive, bus, truck, rail, solar and wind power plants, façades). Sika is a leader in processing materials used in sealing, bonding, damping, reinforcing and protecting loadbearing structures. Sika's product lines feature high quality concrete admixtures, specialty mortars, sealants and adhesives, damping and reinforcing materials, structural strengthening systems, industrial flooring as well as roofing and waterproofing systems.

Our most current General Sales Conditions shall apply.
Please consult the Data Sheet prior to any use and processing.

SIKA INDIA PVT. LTD.

601, A Infinity Tower
Off Link Road, Malad West
Mumbai- 400 064, India

Contact

Phone +91 22 4038 4038
Fax +91 22 4038 4039
ind.sika.com

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