



**SIKA AT WORK**  
**BEGUM RUKHSANA MEMORIAL**  
**TRUST HOSPITAL PROJECT,**  
**BAHRIA TOWN KARACHI**  
**SIKA FLOORING SOLUTION FOR HOSPITALS**

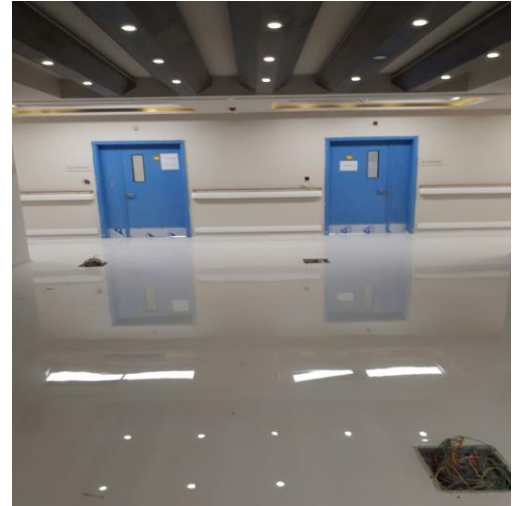
# BEGUM RUKHSANA MEMORIAL TRUST HOSPITAL PROJECT, BAHRIA TOWN KARACHI PROJECT SELF-LEVELING & DURABLE EPOXY FLOORING

## Project:

Begum Akhtar Rukhsana Memorial Trust Hospital is a state of the art 110 bed hospital in Bahria Town, Karachi. Begum Akhtar Rukhsana Memorial Welfare Trust Hospital is part of a chain of hospitals in Bahria Town that aims to provide excellent medical care and support to all patients alike. Bahria Town is committed in providing the latest and most innovative healthcare and emergency facilities with faculty of dedicated and highly qualified doctors to the residents of Bahria Town.

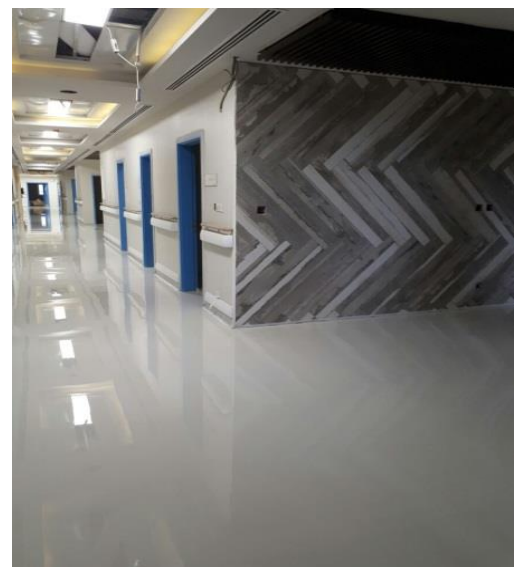
## Project Requirements:

Purpose of trust hospital is to become an acute care hospital and provide a comfortable, safe and high quality medical care facility to the residents of Bahria Town. In order to fulfill this purpose client demanded a durable and hygienic solution in the entire hospital. Customer wanted self-leveling epoxy flooring system at a thickness of 3mm at a total area of 60,000 Sq ft. In addition to this, cementitious floor leveling compound was demanded with low shrinkage and good self-leveling properties for filling, smoothing and levelling of suitable substrates before flooring was done. Coving was also needed at the hospital after flooring.



## Sika Solution:

Sika has continued to strengthen its position as the worldwide market leader in construction chemicals. Sika offers sustainable solutions that are not only long lasting but, also add value to the structure. Today Sika provides a full range of flooring and coating solutions, which meet or exceed all of the latest standards and requirements for both new and refurbishment works. Client required flooring solution at Begum Akhtar Rukhsana Memorial Trust Hospital and opted for vinyl flooring at first. However, Sika technical team introduced its self-leveling flooring solution and explained its advantages in comparison to ordinary vinyl flooring. After successive trials Sika was successful in winning the client by meeting its requirements in utmost way.



Sika suggested its self-smoothing system Sikafloor-263 SL which is not only durable but, also joint less. Sikafloor®-263 SL is a two part, economic, multi-purpose binder based on epoxy resin, suitable for use under hot climate condition. Sikafloor-263 SL is used as 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. Very low emission cement based self-leveling compound for all substrates suitable for laying Sikafloor-300 Level was suggested before flooring as a floor leveling compound. Sikafloor®-300 Level is suitable for filling, smoothing and leveling of suitable substrates before applying parquet, ceramic tiles, textile and elastic floor coverings. Lastly, Sikafloor 161 & Sikadur 506 was combined to make a mortar for coving. Sikafloor 161 is an epoxy primer, leveling mortar/ intermediate layer. It is used for priming concrete substrates, cement screeds and epoxy mortars.



**Project Name:** Begum Akhtar Rukhsana  
Hopsital, Bahria Town Karachi Project  
**Client:** Bahria Town Karachi  
**Contractor:** 3G Constructors