



SIKA AT WORK

PACKAGES MALL PROJECT, LAHORE

SIKA SOLUTIONS WITH TM CONCRETE PRODUCTS

BUILDING TRUST



PACKAGES MALL PROJECT, LAHORE

GROUTING, WATERPROOFING & CONCRETE ADMIXTURES

Project:

Packages Mall is another link in the promise of the Packages Group to Pakistan; nation building through the transfer of world-class concepts & technology to facilitate Pakistani consumers. With a total area of 10,00,000 sft Packages Mall is expected to be the largest Mall in South Asia. The Mall is currently under Construction with most of the framework set up and is expected to open in 2016. The distance from one side to the other side of the 6 story structure is about 410 meters. The packages mall aims to provide every facility that people expect, from different retail brands to cinemas and food courts all under one roof.

Project Requirements:

Build with an estimated cost of 3,150 Million Packages Mall is designed to become the ultimate shopping destination for the people of Lahore by developing a “mega mall culture” in the city. Packages demanded value added Sika products in order to fulfill the requirements of the project. Client required water reducing concrete admixture to increase the performance of cement, thus allowing the production of high grade cements with reduced clinker content. In addition to this, client demanded Integral waterproofing admixture to meet waterproofing needs of the concrete. Lastly, ultimate strength grout was demanded by the client to increase load bearing capacity of base plates of steel columns.



Sika Solution:

Since 1910 Sika has been providing quality products and systems to optimize the construction process. Sika offered its innovative concrete solutions combined with specialized technical support by Sika Sales engineers, targeting improved production rates, enhanced strength development and adjusted workability of the concrete. Sika suggested its high strength, water reducing concrete admixture Plastiment®- PR 150 to meet the demand of high quality structural concrete. Plastiment®- PR 150 is a versatile and economical concrete plasticiser with a wide dosage range suitable for various applications. Plastiment®-PR 150 provides increased strengths to concrete with improved workability without increased water content. Packages also required integral waterproofing admixture for concrete waterproofing.



Sika®-1 is a normal setting waterproofer, the action of which is to block the capillaries and pores in concrete and mortar. While blocking the passage of water it allows the structure to breathe, thus considerably reducing the possibility of condensation. Sika®-1 is the basis of the internationally known Sika Structural Waterproofing System, which is completely suited to most types of brick and concrete structures subjected to water pressure and dampness both internal and external sources. Moreover, this project required grouting of base plates to increase the load bearing capacity of steel columns. SikaGrout®-114 was suggested for grouting, which is a one component cementitious, non-shrink precision grout with high ultimate strength. SikaGrout®-114 is used for grouting various applications such as machine foundations, columns in pre-cast construction, concrete anchors, cavities, gaps and recesses & Base plates. It's an easy to use grout as it requires only the addition of water.



Project Name: Packages Mall Project,

Lahore

Project Owner: Packages Group Ltd.

Consultant: Aedas Ali Naqvi

Contractor: Izhar Constructions Pvt. Ltd.

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