



SIKA AT WORK

CITI TOWER (MULTAN) PROJECT

RESTRENGTHNING OF MULTISTOREY BUILDING

BUILDING TRUST



CITI TOWER MULTAN PROJECT

SIKA SOLUTIONS WITH TM REFURBISHMENT PRODUCTS

Project:

Being located at a Prime location of chungi no.9 at the intersection of Bosan Road and LMQ Road 14 floored Citi Tower offers a splendid opportunity for shopkeepers and shoppers alike. Mega Project lies in the heart of City Bosan road ensures quick accessibility from all over city. Citi Tower aims to demonstrate excellence with a touch of class plus innovation. Citi Tower building guarantees an extraordinary experience due to its ultra-modern design and highly attractive location.

Project Requirements:

Citi Tower prides itself in providing state of the art design & infrastructure for the people of Multan. Citi Tower demanded structural strengthening products in lieu of the addition of two more floors for the construction of Cineplex. Benchmark strength of the structure stood at 6000 psi. In order to meet this requirement Cineplex required Stability report from Citi Tower to ensure tower had substantial strength to incorporate two more floors for Cinema. After the feasibility was conducted; the strength came out to be substantially lower than required strength. Sika offered its structural strengthening solutions in order to improve the Strength and ductility of columns of the Mall.



Sika Solution:

Sika provides High performance Structural strengthening system for repair, refurbishment & improvement of new & existing structures. Sika recommended SikaWrap fabric strengthening system for column strengthening of Citi Tower. SikaWrap 230-C consists of woven or stitched, carbon. It is used for the Strengthening of reinforced concrete structures, brickwork and timber in case of flexural and shear load due to improved seismic performance of masonry walls, Strength and ductility of columns or increasing the loading bearing capacity of structural elements.



The installation is extremely flexible and accommodating of different surface planes and geometry, making it a multifunctional material for many applications including confinement, shear, seismic upgrading and weak substrate strengthening. 25 columns have already been refurbished till date and the number is expected to increase to 150. In addition to this, Sikadur 330 was recommended as a impregnation resin for SikaWrap-230 C. Sikadur 330 is also used as a Primer resin for the wet application system due to its good adhesion to different substrates.



Project Name: Citi Tower Multan Project

Client: Ali Brothers

Consultant: Arif Hussain Associates

Contractor: Ali Brothers