



SIKA AT WORK

HONDA FORT SHOWROOM, LAHORE

SIKA SOLUTIONS WITH TM FLOORING & TM
REFURBISHMENT PRODUCTS

BUILDING TRUST



HONDA FORT SHOWROOM, LAHORE

SELF-SMOOTHING EPOXY FLOORING & COLUMN STRENGTHENING

Project:

Honda Fort Pvt. Ltd is one of the authorized 3 “S” dealerships of Honda cars operating in Queens road, Lahore. 3 “S” stands for Sales, Services and Spare Parts. Honda Fort strives to be an innovative and customer focused organization & was the first dealership in Pakistan to be awarded ISO 9002 certification in Nov 1999. At Present Honda Fort is being managed by a professional team of over 150 employees and provides services in Sale of Cars, Spare Parts & Provide repair service for all vehicles.

Project Requirements:

With state of the art technology and a highly skilled workforce Honda aims to provide its customers with very best. Considering the quality standards Honda Showroom demanded structural strengthening & new epoxy flooring to add a new, fresh aesthetic feel to it. Sika provides systems to restore and rehabilitate concrete structures that have deteriorated due to corrosion, structural damage, seismic activity & others. Honda’s showroom required column strengthening at Third floor due to the addition of another floor. At present, strength of the structure was inadequate to bear the load of Fourth floor as it was hollow inside. In order to increase the strength of this structure Sika offered its structural strengthening solution. In addition to this, Honda demanded smooth & seamless self-leveling flooring with glossy finish throughout the showroom to fulfill both functional & aesthetic requirements as the current flooring was deteriorated.

Sika Solution:

Sika offers a complete system of solutions whether it’s flooring or refurbishment products for concrete, steel, wooden or masonry load-bearing structures. Taking into account the flooring requirements of Honda fort Sika offered its high performance epoxy flooring solution. Sikafloor 263 SL was suggested to meet the requirements of seamless self-leveling flooring. Sikafloor 263 SL is an epoxy self-smoothing and broadcast system 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. Flooring was done at the total area of 37,000 Sq. Ft which included all four floors of the showroom.



In addition to this Sika Primer Sikafloor-161 was also recommended for creating an underneath layer before Sikafloor-263 SL. Sikafloor-161 is an economic, low viscosity epoxy resin. Sikafloor-161 is primarily used for priming concrete substrates, cement screeds and epoxy mortars. Sikadur Aggregates were also used in combination with Sikafloor-263 SL to create coving. Sikadur-504 was recommended which is a Component C (filler) for self-leveling Sikafloor products. Moreover, Sika offered its structural strengthening solution to increase ductility & load bearing capacity of columns with Sikawrap Woven Carbon Fiber Fabric. Sikawrap-230 C is used for the Strengthening of reinforced concrete structures, brickwork and timber in case of flexural and shear load due to Strength and ductility of columns, Structural design construction defects, Increasing loading capacity of structural elements, Changes of building utilization etc. Sikawrap-230 C was used for column strengthening with the addition of another floor in the showroom.



Final look of Columns after the application of SikaWrap-230 C at Honda Fort Showroom, Lahore

Project Name: Honda Fort Showroom,
Lahore

Project Owner: Honda Fort Showroom

Consultant: Raees Faheem Associates

Contractor: Honda Fort