



SIKA AT WORK

ROSE HILL GARAGE, OXFORDSHIRE

CONCRETE REPAIR: Sika® MonoTop®-610, -615. Sikagard®-552W Aqua Primer, Sikagard®-550W, Sika® Galvashield

BUILDING TRUST



ROSE HILL GARAGE OXFORDSHIRE



SIKA CONCRETE REPAIR AND PROTECTION SYSTEM PUTS BRAKE ON GARAGE CORROSION

Sika supplied the total concrete repair and corrosion management system to restore the long-term structural integrity of a commercial garage building.

The refurbishment at Rose Hill Garage in Oxfordshire was required following signs of excessive spalling and degradation on the premises' concrete walls. Contractor, Pikehaven, was selected to install Sika's long-term repair and protection programme to make good the damage and restore the building's aesthetic qualities.

A concrete soffit attached to a ramp used to enter the garage was the main focus of the refurbishment. Its degradation was due to chloride contamination of its steel reinforcement, leading to manifold spalling and fissures.

With the water ingress issue resolved, repair works commenced. Carbonation and hammer tests were carried out to locate the defective areas of concrete. Exposed reinforcement was then cleaned in readiness for the installation of Sika® Galvashield-CC 100 anodes. Quickly and easily installed in concrete, the anodes control corrosion activity and

prevent the new formation of corrosion sites on reinforced structures. The defective areas were then primed using Sika® MonoTop®-610, a high-performance, one-component, cementitious polymer-modified protection coating, and reinstated with high-build, hand-placed concrete repair mortar, Sika® MonoTop®-615. Once cured the total soffit area was pressure washed and primed using Sikagard®-552W Aquaprimer. The total area was then applied with two coats of Sikagard®-550W, a plasto-elastic, anti-carbonation coating.

XXXXXX at Pikehaven said: "Sika was able to provide a start-to-finish concrete repair and protection solution. It is as safe and easy to apply as it is superbly effective. There is no doubting the Sika® Galvashield system's quality."

Rose Hill Garage's refurbishment was completed to the agreed deadline and the client's complete satisfaction. Thanks to Sika's superior repair and corrosion management system, the structure of this established commercial enterprise has been restored to its original splendour, enabling trade to continue without interruption for the benefit of client and customer alike.

For further information call 0800 112 3863.

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