



SIKA AT WORK

BRANDLESHOLME BRIDGE, BURY

WATERPROOFING: Sika® Injection

BUILDING TRUST



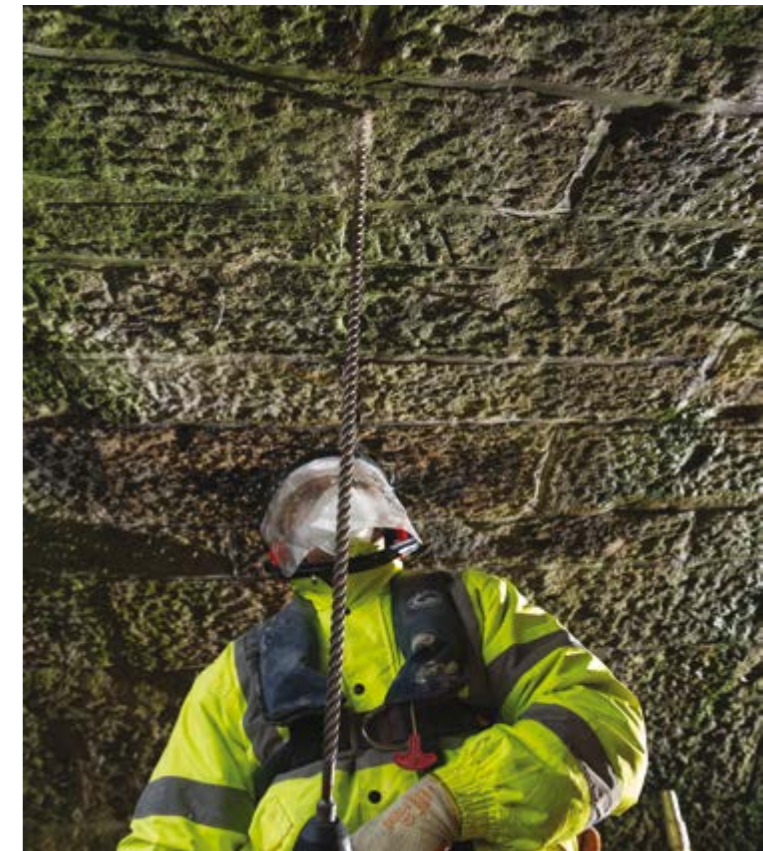
BRANDLESHOLME BRIDGE, BURY



SIKA INJECTS NEW LIFE INTO BRANDLESHOLME BRIDGE WITHOUT ANY TRAFFIC DISRUPTION

Sika has demonstrated its ability to meet the most challenging waterproofing specifications with the supply of more than 8,000kg of Sika Injection-304 at Brandlesholme Bridge in Bury, Greater Manchester. Creating a waterproof curtain wall of resin to replace the existing failing waterproof decking, the cost effective system was applied from below to return the masonry arch bridge to its best without the need for road closures or any traffic disruption.

Working with Bury Metropolitan Borough Council, Sika provided specification and product support during the design stage of the



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onerous bridge waterproofing project. With minimal disruption and a fast application crucial, Bury Council turned to Sika and the company's practical experience, technical expertise and market leading products for the construction industry.

"To repair the damaged waterproof decking system we required an alternative to disruptive excavation works for this very busy and traffic sensitive location," said Mark Nightingale, Principal Engineer, Bridge Maintenance at Bury Council. "As a trusted manufacturer and supplier, Sika and the company's Sika Injection-304 enabled us to carry out the vital improvement works without any disruption to traffic."

Ideal for waterproofing of masonry and concrete structures, Sika Injection-304 is a very low viscous, elastic and very quick-gelling polyacrylic injection gel that creates a waterproof elastic curtain wall and has the advantage of proving good adhesion to both dry and wet substrates. Specialist applicator Data Contracts (now OnSite Specialist Maintenance) was appointed to complete the 6 week waterproofing application.

"It was vital that the application would not only repair the ageing waterproofing system but would have no effect on day-to-day use of the busy single carriageway," said David Taylor, Managing Director of OnSite Specialist Maintenance. "With no disruption to live traffic above the bridge and negating the need for traffic management, our high quality application of Sika Injection-304 proved the perfect solution at Brandlesholme Bridge."

Utilising the quality products, design support, in-situ guidance and many years on-site expertise offered by Sika, the bridge will now be protected from the onset of any further degradation for years to come whilst drivers and passengers using the road every day will benefit from a high quality waterproofing solution.

Waterproofing repairs are essential in the conversation and protection of both public and private structures. For its effectiveness and efficiency, the Sika Injection waterproofing system delivered an economical and long term preservation of this ageing bridge – which stands as an example of why Sika products are a favourite of specifiers and operatives all over the world.

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