



# SIKA AT WORK

## ROYAL SHAKESPEARE THEATRE STRATFORD-UPON-AVON

WATERPROOFING: Sika® Watertight Concrete System

BUILDING TRUST



# ROYAL SHAKESPEARE THEATRE STRATFORD-UPON-AVON



The grade II\* listed Royal Shakespeare Theatre in Stratford-upon-Avon has undergone a highly successful transformation that greatly enhances the live theatre experience of the audience. As part of the refurbishment, Sika® Watertight Concrete was used during the construction of the seven metre deep stage basement which will be used to create a scenic spectacle on the new main stage.

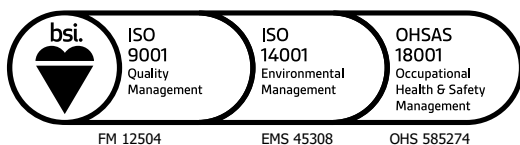
Due to its proximity to the River Avon, the water table on the site is high, and precautions were required to ensure the building remained watertight. To achieve this, Sika® Watertight Concrete was specified by Buro Happold in the construction of the stage basement, where the greater excavation depth meant the danger of water ingress was at its greatest. The Sika® Watertight Concrete system is BBA certified and has been keeping water in and out of structures for 50 years. It incorporates two powerful state-of-the-art Sika admixtures that will guarantee the future integrity of the building.

Smiths Concrete supplied 300 cubic metres of Sika® Watertight Concrete to John Doyle Construction who were responsible for the substructures and superstructures of the refurbishment. Buro Happold was the engineering consultancy for the project. Mace were the Construction Managers.

The design by Bennetts Associates Architects has sensitively combined aspects of the previous theatre into the new transformed building. At the heart of the redevelopment is a new 1,040+ seat thruststage auditorium which the stage projects into, and is surrounded on three sides by the audience. A new tower with a 32 metre high viewing platform has also been added, providing a visual landmark, with views across the town taking in historical landmarks including Shakespeare's birthplace.

The modern transformation of the Royal Shakespeare Theatre is a successful evolution of the original 19th and 20th century theatres that stood on the site.

**For further information call 0800 292 2572.**



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