

Sika at Work



Waterproofing Solution for Thornbridge Car Park, Lincoln, U.K.

Waterproofing: **Sikalastic®**





Project Description

3500 m² of Suspended Car Park. The Car Park had an asphalt deck that was failing badly, there was no waterproofing membrane under the asphalt, in addition, the asphalt itself was not elastic. With shops below the car park this situation caused costly damage to the stock.

Project Requirements

The top-deck carpark shall be repaired and waterproofed. So old asphalt was taken away, a new fast curing elastic membrane should be applied directly under the new applied asphalt.

Sika Solutions and Advantages

Due to the advantages of the fast curing **Sikalastic**[®] primer and membrane, the application work could be proceeded in winter. Furthermore, **Sikalastic**[®]-841 ST has good elastic and crack bridging properties which meet the requirements.

This **Sikalastic**[®] system is fully bonded to the substrate and the asphalt. **Sikalastic**[®]-841 is very fast curing and asphalt can be applied immediately following this layer of coating.

System buildup:

Primer: **Sika Concrete Primer**

Waterproofing Membrane: **Sikalastic**[®]-841 ST

Bonding Primer: **Sikalastic**[®]-827 LT

Top Coat: **Asphalt Concrete**

Project Participants

Owner: Lincoln City Council

Engineer: Ward Cole Consulting Engineers (Lincoln)

Main Contractor: Lindum Group (Lincoln)

Applicator: APA Concrete Repairs

Sika organization: Sika Limited U.K.

Our most current General Sales Conditions shall apply. Please consult the Product Data Sheet prior to any use and processing.



Sika Services AG

Tüffenwies 16, CH-8048 Zurich / Switzerland

Phone +41 58 436 40 40 / Fax +41 58 436 41 50

www.sika.com