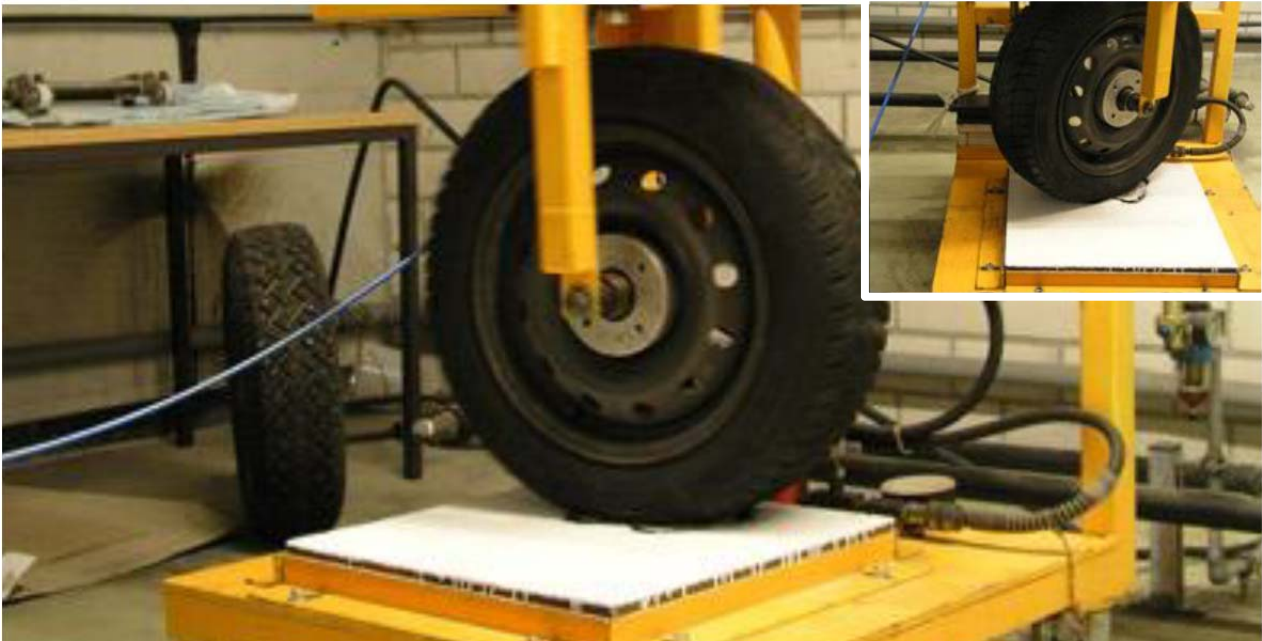


THE ULTIMATE ABRASION RESISTANCE TEST: SIKA IS TESTING ELASTOMERIC CAR PARK - DECKING SYSTEMS TO THEIR LIMITS!

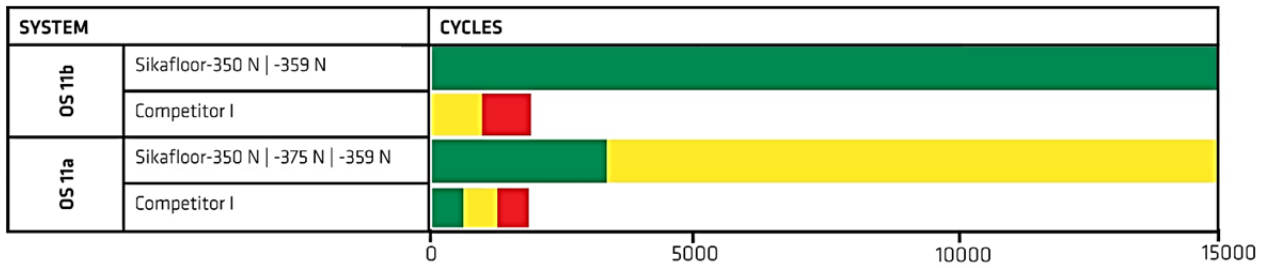


Car park decking systems applied in multi-storey and underground car parks are subject to extreme mechanical stress during the normal operation of the parking structure, areas subject to the highest levels of stress are the running aisles, turning areas, ramps and pay station areas. In order to provide a long term solution, good adhesion is required not only between the substrate and the decking system but also between the different layers within the system. In order to demonstrate the efficacy of the system it is therefore important to carry out practical abrasion resistance tests, especially for elastomeric car park decking systems.

Sika has developed a testing machine, which allows the replication of the maximum mechanical stresses produced by real car tyres.

The air operated test rig is designed so that the car tyre, which is loaded with 230 kg, moves through a 100° angle of deflexion over a given number of cycles.

The table on page 2 provides an indication of the relative performance of Sika Car Park Decking Systems and those of our competitors, in respect of the system's ability to resist mechanical stresses which can result in abrasion.



no damage visible: no cracks, no aggregate has been worn out
damage visible: cracks visible in the seal coat, several aggregates have been worn off
damaged: seal coat has been removed in several large areas or completely

A CLEAR RESULT: SIKA SYSTEMS CONFIRM THE BEST ABRASION RESISTANCE!

System in accordance with DAfStb OS 11b

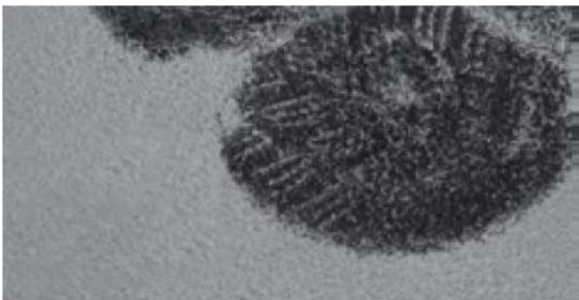


Sikafloor-350 N | -359 N



Competitor I

System in accordance with DAfStb OS 11a (UV-stable seal coat)



Sikafloor-350 N | -375 N | -359 N



Competitor I

Pictures taken after 2,000 cycles.

