



## FLOORING AND COATING INNOVATIVE Sika® FloorJoint

NOISELESS VIBRATION-FREE JOINT PANELS

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# Sika® FloorJoint

Innovative joint panel vibration-free, noiseless and quick return to service.

**THE SOUND AND FEELING** of rumbling over crossing joints in parking garages and warehouses is familiar to most people. It can feel uncomfortable and cause irritation for your ears and body but up until now there hasn't been a suitable solution. Even hospital patients have had to endure the unpleasant experience.

Sika can now offer the perfect solution with ultra-thin and almost invisible joint profiles. The profiles are installed on the same surface level as the floor, which means no more thresholds. One benefit of this new system is reduced damage to vehicles, meaning the cost of spare parts for trucks decreases significantly too. A real added value in every respect.



## AESTHETICS AND SILENCE IN MULTI-STOREY CAR PARKS Sika® FloorJoint PD

**DRIVING WITHOUT RUMBLING: OUR INNOVATIVE JOINT PANELS ARE SEAMLESSLY CONNECTED TO THE FLOOR SURFACE, WHICH MEANS THERE IS NO VISIBLE DIFFERENCE TO THE NORMAL CAR PARK FLOOR COVERING.**

### REQUIREMENTS

Floor joints in parking garages are a major challenge in both new buildings and when refurbishing existing structures. In addition to the water tightness in modern buildings, aesthetics plays an increasingly important role. Traditional metal solutions show clear limits in cases where a complicated joint line is present, or when noise reduction is required. Here the Sika® FloorJoint PD joint panel proves its strengths. The carbon fibre reinforced polymer concrete prefabricated panel fits seamlessly and virtually invisibly to the adjacent resin coverings.

### ADVANTAGES

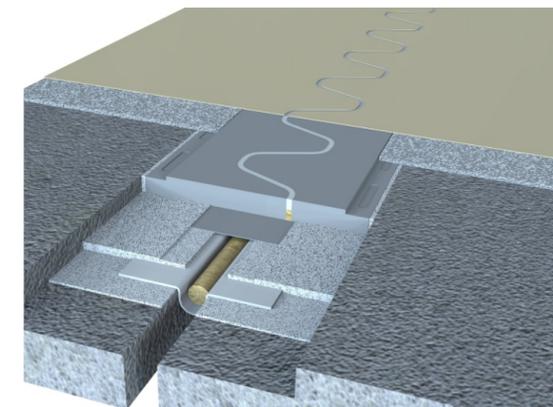
- No noise and no vibration when trafficked
- Almost invisible, can be overcoated with many Sikafloor® coating systems
- Absolutely corrosion-free
- Waterproof because of the separate waterproofing level below the panel
- Easy installation and easy repair
- Easy solution for the connection between horizontal and vertical construction elements

### RANGE OF USE

Suitable for use in new constructions and in the refurbishment of parking garages

### APPLICATION

Complicated joint gradients can be realized by a simple cutting of the panels. The flat components allow a minimal cutting depth in the concrete substrate. This guarantees short down time. When water tightness is required a separate waterproofing membrane (Sikadur Combiflex® SG System) is installed below the profile which is perfectly compatible to the Sika® FloorJoint system. The result is a waterproof and ultra-flat profile system that can be trafficked silently



## LOW-VIBRATION AND NOISELESS TRAFFICKING Sika® FloorJoint S

**MOVEMENT OF SENSITIVE GOODS CAN BE DONE QUICKLY AND WITH EASE. NOTHING IS GOING TO BREAK. THRESHOLD-LESS AND NOISELESS FORK-LIFT DRIVING IS MADE POSSIBLE.**

### REQUIREMENTS

Floor joints in industrial areas equipped with conventional steel profiles are subject to high loads when they are trafficked by fork-lifts. If the profiles are not absolutely flat they can cause noise, vibration and blows on wheel bearings. This causes the fork-lifts to suffer and can contribute to a high wear rate of spare parts. The Sika® FloorJoint S joint system is the perfect solution. The prefabricated, carbon fibre reinforced polymer concrete profile can also be retrofitted with little effort. The result is a noiseless and vibration-free ride suitable for all kinds of fork-lifts.

### ADVANTAGES

- Maintenance and repair can be done over the weekend
- No vibrations when trafficked
- Significant reduction of wear to components such as wheel bearings, etc. from forklifts
- Grindable, therefore ultra-flat
- High chemical resistance
- Easy installation and easy repair
- Easy solution for the connection between horizontal and vertical construction elements

### RANGE OF USE

Suitable for use in new constructions and in the refurbishment of all areas where a joint is needed and where the floor joint can be trafficked.

### APPLICATION

Sika® FloorJoint S is not only suitable for new buildings but also for the refurbishment of defective joint panels where it can be installed easily and smoothly. Only a very short time is needed because rapid resin systems are used to bond the panels to the concrete substrate. This minimizes the interruption of daily operation and thus relieves budget pressure. A smooth plane is achieved by grinding, which prevents reliable beats and noise. Critical floor joints in warehouses and assembly halls, workshops, hospitals and shops disappear quickly and easily.

