

THE CHALLENGE FOR JOINTS IN INDUSTRIAL FLOORS

Cosinus Slide® joint
Setting the standard

**CONTROLLING
DYNAMIC &**

**STATIC
LOADS**



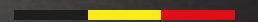
**THE FLOOR IS THE JOINT,
THE JOINT IS THE FLOOR**

Contact us for a free design check

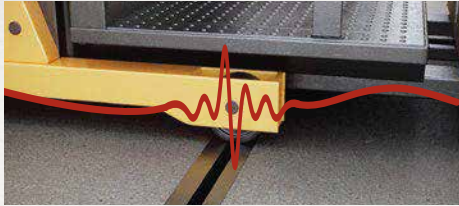
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MADE IN BELGIUM



DYNAMIC LOAD TRANSFER CHALLENGE



Vicious circle of damage and discomfort caused by wheel impact



HCJ solved the problem with its Sinus Slide® joint



Perfection was achieved with Cosinus Slide® joint and its double slide effect

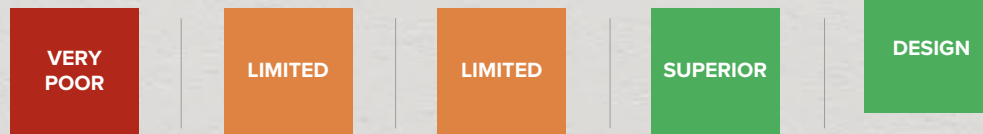


DYNAMIC LOAD TRANSFER PERFORMANCE



The missing link and final step for ultimate jointing solutions

STATIC LOAD TRANSFER PERFORMANCE

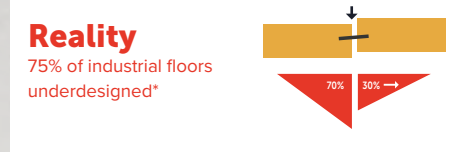


*We estimate that 75% of all installed joints are unable to meet the minimum requirement of a 40+% load transfer. Most jointing solutions cannot deliver more than a 30% load transfer, which is simply not enough for today's requirements. This means that the vast majority of floors today are underdesigned and expected to trigger repair, floor deformations, warehouse floor down-time and personnel absenteeism.

STATIC LOAD TRANSFER CHALLENGE



Is your joint up to the challenge?



- Submit your design specs to the tool
- Check your joint performance
- Get a full design check by HCJ experts

Make sure you select the right joint with our services

With the introduction of the load transfer performance calculator HCJ enables any flooring professional to accurately select the right joints.

Influencing parameters on flooring designs

- ✓ Loads
- ✓ Concrete
- ✓ Slab thickness

✓ JOINTS

- ✓ Subgrade
- ✓ Reinforcement

JOINT LOAD TRANSFER MECHANISM IS OFTEN:

- ✓ miss-understood
- ✓ underestimated
- ✓ wrongly considered

SO FAR

Joint selection based on **rules of thumb or estimates at best**

25% of projects select the right joints

Flooring design

- ✓ incomplete
- ✓ probably wrong
- ✓ unsafe

2020

Joint selection done based on **accurate load transfer assessment (TR34)**

100% of projects can select the right joints

Flooring design

- ✓ complete
- ✓ optimized
- ✓ correct & safe



Contact us for a free design check



HENGELHOEF CONCRETE JOINTS

WE BUILD ON 30 YEARS OF EXPERIENCE IN COLLABORATION WITH LEADING BRANDS

