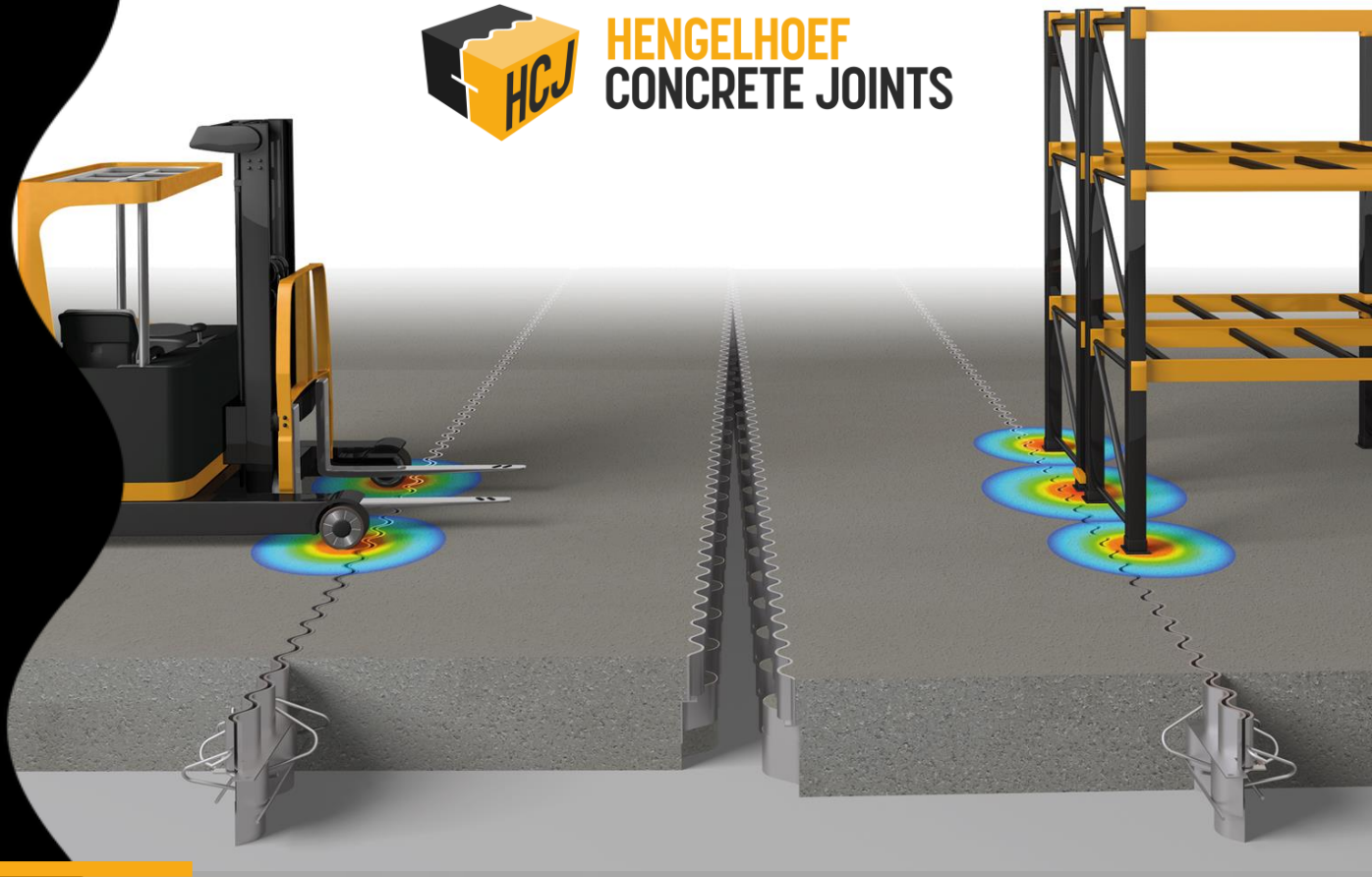
HENGELHOEF
CONCRETE JOINTS

COSINUS SLIDE ®

THE INDUSTRY STANDARD FOR FUTURE PROOF INDUSTRIAL FLOORS



CONTACT US FOR A FREE DESIGN CHECK

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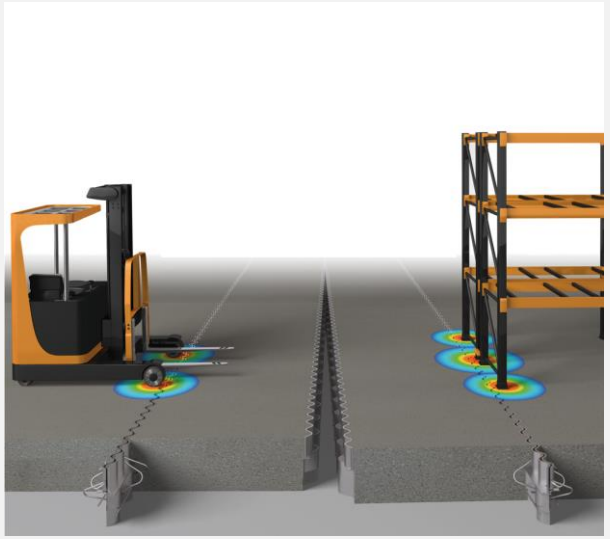
MADE IN BELGIUM

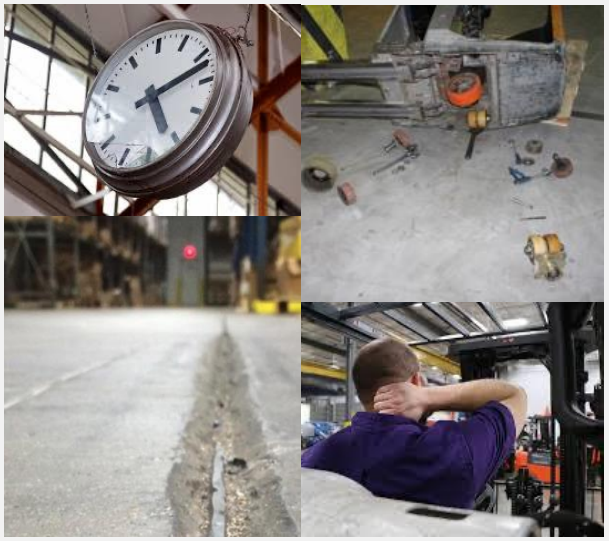
THE DEMANDS ON INDUSTRIAL FLOORS RAPIDLY INCREASE

Limited space availability and rapidly increasing real-estate prices have put pressure on the return-on-investment of many industrial compounds. This in turn has triggered a much higher number of in-compound vehicle movements, as well as more heavily loaded (higher) racks closer to one another.



A FLOOR NEEDS TO CONTROL DYNAMIC AND STATIC LOADS

For floors to be able to cope with these higher demands, two forces need to be taken into account. DYNAMIC loads are caused by moving loads across the floor by forklifts and carts. STATIC loads are caused by the placement of racks in warehouses and the machines in factories.



THE JOINT IS THE WEAKEST POINT IN THE FLOOR

Often overlooked, the importance of properly designed joints cannot be under-estimated. Taking the risk of working with joints that are no longer capable of dealing with today's (and tomorrow's) intense needs, is simply not worthwhile. The resulting repairs, downtime and health issues come at a huge cost.

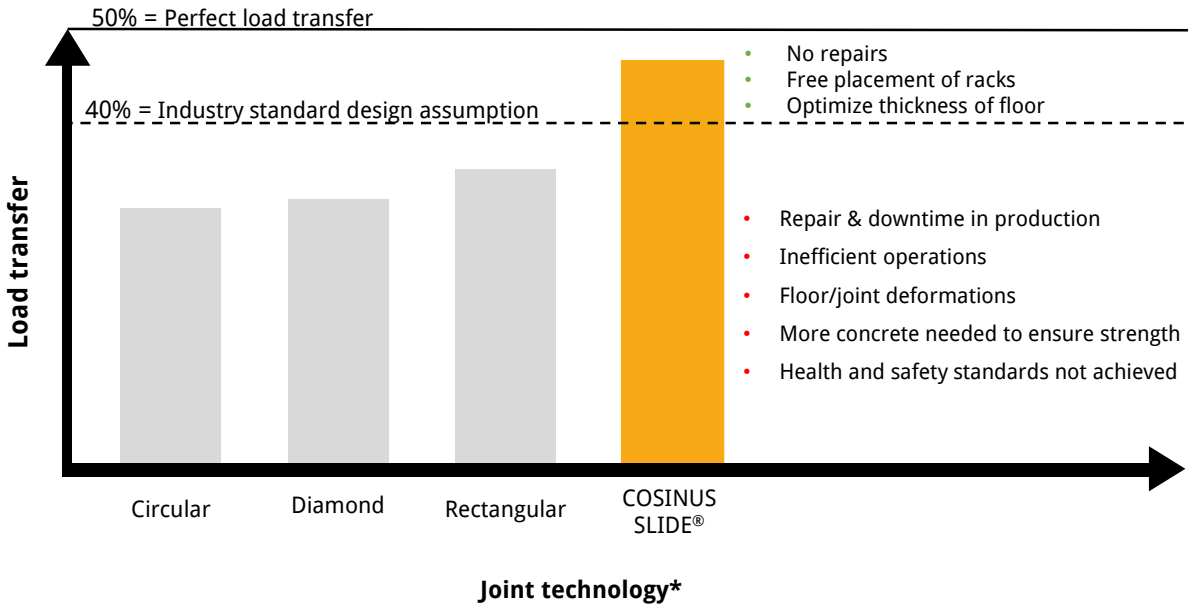
INTRODUCING COSINUS SLIDE ®

A JOINT THAT IS AS STRONG AS THE FLOOR ITSELF

With the COSINUS SLIDE® joint HCJ reaches near perfect STATIC load transfer and efficiency: close to 100%. In fact, this means the joint is just about as strong as the floor itself and no longer the weakest point. It provides a future proof and worry free floor with full flexibility in terms of rack and machine placements.

The COSINUS SLIDE® includes the sinus shape we invented in 2007 and even improves the DYNAMIC load transfer to near perfection, as the joints is as strong as the floor. This gives forklift drivers a much more comfortable experience, while heavily decreasing the need for joint and equipment maintenance and repairs.

COSINUS SLIDE® REACHES NEAR PERFECTION



*The displayed percentages are an example and may differ for other cases. The achieved percentage is function of the action (load), the slab thickness, the load transfer devices and many other variables. Changing parameters always change the achieved percentage for each load transfer system. Load transfer needs to be designed for each floor where loads are suspected to be transferred across the joint.

USE THE FREE ONLINE JOINT CALCULATOR TO CHECK YOUR DESIGN

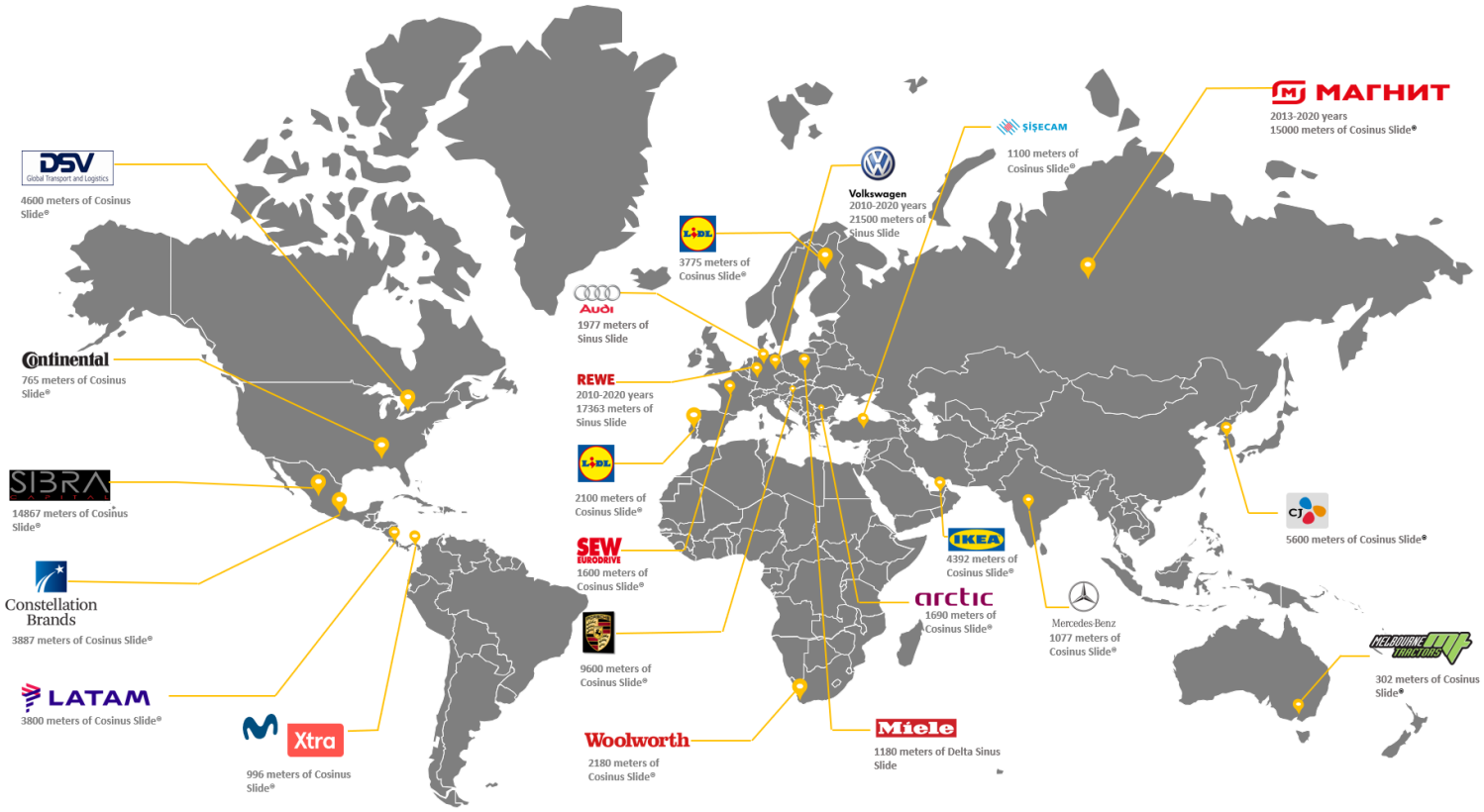
GO

MAKE SURE YOUR FLOOR IS DESIGNED PROPERLY

We estimate that 75% of all installed joints are unable to meet the minimum new-build requirement of a 40+% load transfer. To put that in perspective, most competing solutions cannot deliver more than a 30% load transfer, which is simply not good enough for today's requirements. This means the vast majority of floors today are expected to trigger repair, rack system deformations, warehouse floor down-time and personnel absenteeism.

30 YEARS OF EXPERIENCE FOR LEADING BRANDS

RESULTING IN 600KM OF JOINTS DELIVERED GLOBALLY



WATCH