



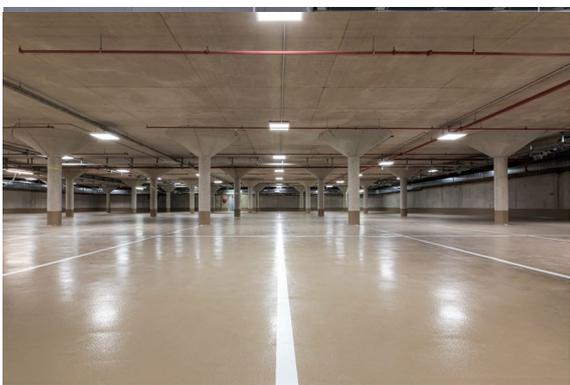
# CASE STUDY

Objekt: Kannercampus Belval  
Luxembourg

## Mens sana in corpore sano – Learning on the move

*“Learning through movement, learning on the move and learning with movement” is one of the leitmotifs of Kanner Campus Belval. The concept combines the advantages of a primary school with those of a daycare centre. This places special demands on the interior design and in particular on the flooring.*

The term “primary school” does only partial justice to Kanner Campus Belval, as the educational concept for the approximately 600 pupils includes the facilities of a daycare centre – a *maison relais/SEA* (services d’éducation et d’accueil pour enfants). This not only results in extraordinary school hours, but also means that the school has its own spaces in which children can freely move about in addition to the classic sports hall. Teachers can resort to these spaces if their students need a break from learning or simply can no longer sit still.



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LUXEMBOURG  
KANNERCAMPUS BELVAL





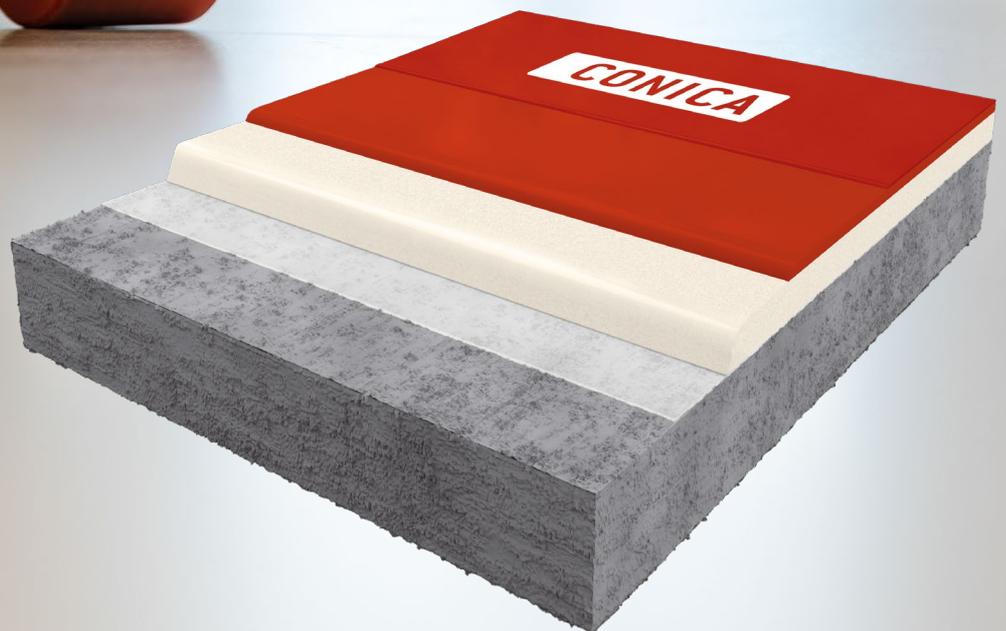
The architectural firm “petitcarrée architectes” is responsible for the new school campus. The plan included separate buildings for the *école primaire* (primary school), the *école précoce et préscolaire* (pre-school), and the *maison relais* (daycare centre). A fourth wing houses the sports hall and a competence centre for intellectual development. A music room and a theatre room are scheduled to follow.

Both developers and architects attached great importance to the use of durable and low-emission materials. The AgBB (German Committee for Health-related Evaluation of Building Products) certification was a particular challenge. The AgBB scheme takes into account the globally pioneering ISO 16000 series of building product standards and thus complies with national and international requirements. Products that meet AgBB requirements are, for example, also approved for use in international LEED (Leadership in Energy and Environmental Design) construction projects, a US building-certification program. CONICA succeeded in satisfying these ambitious goals. Subsequently, 11,000 m<sup>2</sup> of CONIFLOOR LPC, 1,300 m<sup>2</sup> of CONIFLOOR LPC + LI and 2,600 m<sup>2</sup> of CONIPROOF PES were selected for installation on the campus.



## The CONICA solutions

**CONIFLOOR LPC + LI (Living Polyurethane Comfort + Liquid elastic layer)** is an elastic floor coating based on polyurethane resin with colourfast sealing. It absorbs footfalls and walking sounds and is slip-resistant and low-emission, in compliance with the DIBt approval. An optional underlay mat can also be integrated to further reduce the already existing footfall sound absorption and provide increased comfort. Thanks to the seamless installation, the flooring is particularly easy to clean and maintain. This makes CONIFLOOR LPC + LI the ideal flooring in rooms designated for purely mental activity as well as those for physical activities, as it is warm underfoot and enables comfortable joint-friendly walking. The combination of comfort, footfall sound absorption and design options predestines it for applications that give equal importance to functionality, hygiene, comfort and an attractive appearance. Typical applications include residential areas, exhibition areas, offices, schools, libraries, hospitals, and so on.



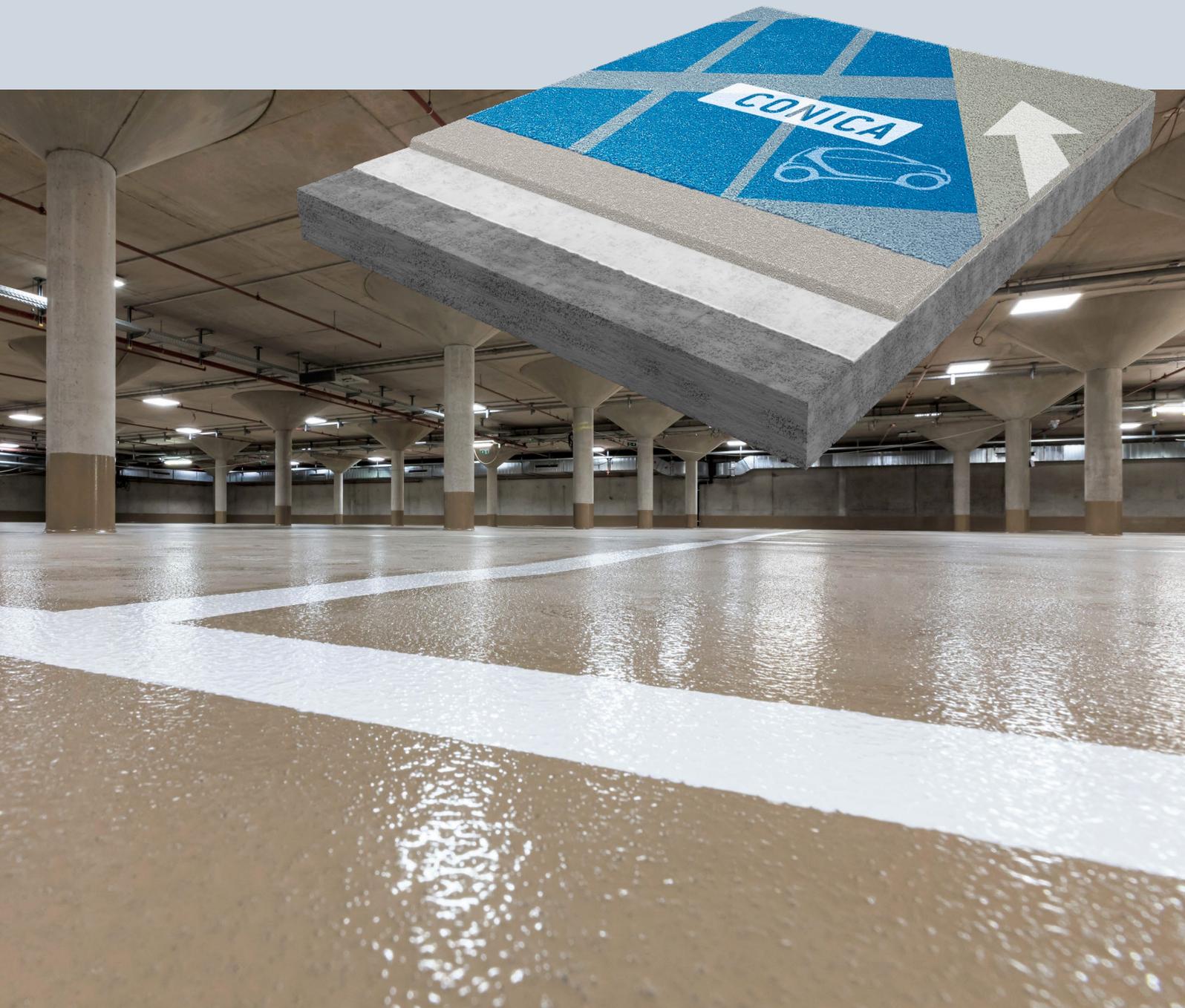
### Usage on the campus

The clients were keen on ensuring a uniform overall appearance in all the buildings. They also wanted a high-quality surface coating to make cleaning as easy as possible.

Installation was anything but easy given the ubiquitous impact of the Corona virus. Although each building had to be supplied with material from the same batch in one go, the installer – EMS Luxembourg – nevertheless managed to stay within both the planned timeframe and the budget. This allowed Kanner Campus to start

### **CONIPROOF PES (Parking Epoxy System)**

is a rigid epoxy resin coating for surfaces subject to high mechanical stress according to DIN EN 1504-2 and was specially developed for multi-storey car parks. Coatings for car park decks and multi-storey car parks must be able to withstand mechanical stress as well as physical and chemical influences. CONIPUR solutions are certified accordingly and are optionally available with a colourfast top sealing. Parking areas can thus be designed in a modern and attractive way by using colour accents. Our extensive portfolio enables cost-effective solutions and also very fast systems for urgent projects.





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