



Photo: Luis Ferreira Alves

SIKA AT WORK

Sika ComfortFloor® FOR THE COMBATENTES EDUCATIONAL CENTER IN PORTUGAL

FLOORING: Sika ComfortFloor®

BUILDING TRUST



Sika ComfortFloor® FOR THE COMBATENTES EDUCATIONAL CENTER IN PORTUGAL

PROJECT DESCRIPTION

The architectural award winning Combatentes Educational Center is in the Municipality of Ovar, North Western Portugal. It has been developed as an educational 'Center of Excellence' for up to 375 elementary children aged from 3 to 10 years old.

This 3.5 million Euro facility was designed to include the total refurbishment of the existing traditional style, two-story, street-fronting courtyard building, plus a totally new and uniquely styled curvilinear building behind it, linked together at both levels with covered corridors.

PROJECT REQUIREMENT

The Center has many different multi-purpose rooms and specialist areas including classrooms, meeting rooms and assembly halls, a library, music rooms, a gymnasium and changing rooms, a kindergarten / nursery, plus also the canteen or lunchroom and kitchens. These are all linked with wide and airy central corridors, in addition to the covered corridors in the passageways between the buildings.

The Architect's requirements for the flooring systems and finishes were an important aspect of their design. In addition to being available in the striking modern colour scheme intended to lift the spirits and ambitions of the students, a totally seamless flooring solution was required throughout the facility. The flooring system had to provide a solution without joints, which would also and equally importantly, provide a high level of comfort underfoot, with sound deadening and footfall noise reduction capabilities – And of course for this type of facility and a healthy environment for the children, the floors all had to be easy to clean and keep hygienic.



SIKA SOLUTIONS

The selection criteria defined by the architectural team was almost a listing of the characteristics and performance specifications of the Sika Comfortfloor® systems, so these were the obvious choice. Sika Comfortfloor® systems have high elasticity, with excellent crack bridging abilities giving a sense of comfort when walking; the elasticity also reduces footfall sound (impact noise) and so creates less disturbance or distraction all around. These solutions also have low emission of VOC's and good resistance to fire (Certified to EN Bfl Class S1).

For the more aggressively exposed service areas of the kitchens and for other utility area the highly abrasion and resistant Sikafloor® 264 systems were used, with profiled anti-slip but easily cleaned surfaces where appropriate.

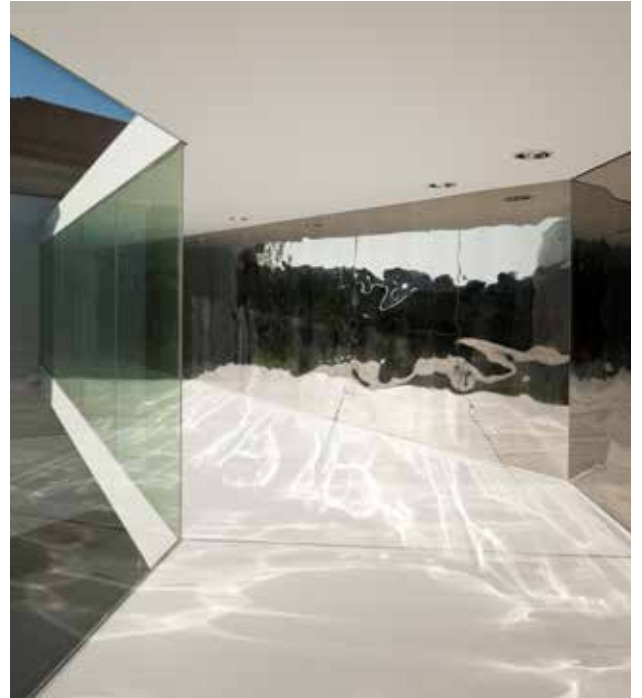


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Sika ComfortFloor® FOR EDUCATIONAL FACILITIES



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PROJECT PARTICIPANTS

Owner: Municipality of Ovar

Architect: Cannatà & Fernandes Architects

Main Contractor: JCG Construction

Specialist Flooring Contractor: Comapre

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