

# The **Shopping Center** “Arena” also sets **new Trends** in **Waterproofing**



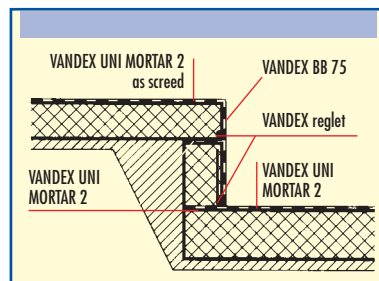
In the 2nd basement level, a central parking facility of 8100 m<sup>2</sup> was realised for customers and residents.



**T**he need for a modern Migros Shopping Center in the town of Wohlen in Switzerland proved ever more urgent in the early 90's. From a concept, as an initial design, evolved the challenging "ARENA Shopping Center" project combining Migros store, restaurant, club school, apartments and parking. It was realized between 1993 and 1995. Motivated not only by commercial objectives, the Migros Co-op Aargau-Solothurn set a new architectural landmark with the ARENA Center.

A central parking facility with 8100 m<sup>2</sup> of floor space was provided for customers and residents on the second underground level.

Constructed in groundwater (up to 1 meter deep), the underground level required comprehensive waterproofing measures.



The engineers opted for the proven VANDEX UNI MORTAR 2 solution, which won out because it serves two important functions:

### 1. **Waterproofing**

impermeable to water, tested up to 7 bar water pressure, vapor permeable

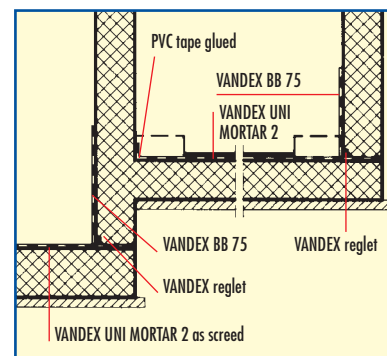
### 2. **Screed**

jointless, resistant to abrasion, resistant to road salt

The VANDEX UNI MORTAR 2 coating was applied as a jointless traffic-bearing screed, in sections in line with construction progress. The Vandex concept is an integrated waterproofing system that combines all of the details.



Waterproofing and screed in one product: VANDEX UNI MORTAR 2.



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 Engineers: Rothpletz, Lienhard + Cie AG,  
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 Architects: Hauswirth & Partners,  
 4600 Olten, Switzerland  
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