



The glass extension fits perfectly in-between the historic buildings.

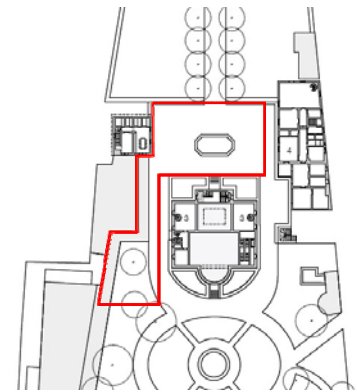
### Project Data

Area: ca. 650 m<sup>2</sup>  
 Construction Year: 2015  
 Architect/Design:  
 Staab Architekten, Berlin  
 Landscape Architect:  
 Levin Monsigny Landschaftsarchitekten,  
 Berlin  
 Contractor:  
 A + I Asphalt- und Isolierbau  
 Bayreuth GmbH, Bayreuth  
 System Build-up:  
 „Walk- and Driveways“ with  
 Fixodrive® FX 50  
 Coordinates:  
 49°56'27.99"N 11°34'55.72"E

### Conception

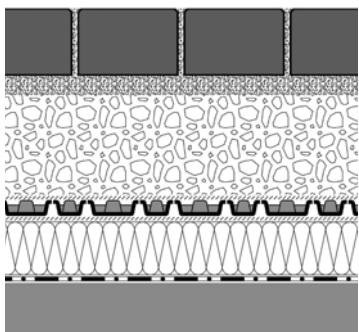
Since July 2015, after three years of reconstruction including coring, refurbishing and ensuring barrier-free accessibility, the Wahnfried House and the Richard Wagner Museum in Bayreuth are again accessible to the public. A modern extension building was placed in a certain distance to the existing historical buildings. The fully glazed fronts of the pavilion-like new building give a clear view

out to the museum garden. Below that extension, there are underground functional rooms which extend to the forecourt. Storage and media rooms are accommodated here as well as corridors which connect the three buildings. A system build-up based on Fixodrive® FX 50 made it possible to turn the area above the new underground rooms back into its original state.



The red frame shows the roof area of the museum garden, either planted or paved.

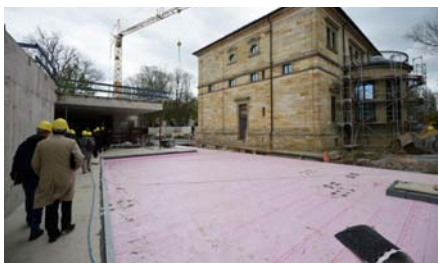
### System Build-up



- Paving in a bedding of stone chippings
- Gravel base layer, min. 150 mm
- Fixodrive® FX 50
- Filter Sheet PV
- Thermal insulation of extruded polystyrene
- Roof construction with waterproofing



Fixodrive® FX 50 was applied even under the lawn area.



On top of the inverted insulation the extremely stable, air and vapor permeable Filter Sheet PV is first installed. Then the Fixodrive® FX 50 with an attached filter sheet is rolled out. A gravel layer provides a base for the paving and its bedding.