Luisenpark, Mannheim (GER)



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Reference data

- **Building activity**
  Roofing , Waterproofing buildings
- **Object type**
  Other public buildings
- **Object address**
  , Mannheim
- **Date / Completion**
  2023
- **Client**
  City of Mannheim
- **Architect**
  Bez+Kock Architekten Generalplaner GmbH
- **Contractor**
  REFA Dachbau GmbH
- **Building owner**
  City of Mannheim
- **Viewing possible?**
  Yes

Description

The Luisenpark is the largest park in the city of Mannheim and was the venue for the German National Garden Show, BUGA 23. The city of Mannheim invested some 35 million euros in the conversion of the park centre, which now features an underwater world that showcases the biodiversity of the lakes, rivers and oceans of our planet. The new building and the new large aviary were given flat roofs.

Problem

The new construction of the underwater world and the large aviary in Luisenpark had to be finished with flat roof structures that would provide reliable waterproofing over the long term. Due to the exposed location and the construction-related moisture load, the flat roofs are the part of the building that is subject to the most stress. A flat roof is exposed not only to rainwater, but also to extreme temperature differences, complex structural-physical interactions and mechanical loads, such as stresses caused by expansion, shrinkage and deflection of the structure. The individuality of the roof construction presented planners and contractors with particular challenges when waterproofing the flat roof construction. But a quick and easy solution was found in the form of MB PUReactive+.

Product systems / sizes used

› MB PUReactive+

Art. No. 2982



› MB PUReactive TX

Art. No. 2980



Impressions



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Further information can be found on:

https://en.remmers.com/en_IN/referenceDetail/Luisenpark