

Regional Swimming Bath "Rheinwelle", Bingen

Five ETFE cushion spanning the longitudinal axis are attached to a steel substructure (honeycomb girders). Each of the air-supported cushions is made of three layers of ETFE film which are clamped by aluminium clamping strips at the edge. The big cushions with a size from 5x16 m² to 13x30 m² are segmented by parallel arches and suction cables stretched over them. Due to the cut, the top film warps upward in a big arch between the suction cables which leads to an attractive visual effect and at the same time provides for a continuous water and snow discharge.



project data

Customer	Zweckverband Regionalbad Bingen - Ingelheim
Architect	Dr. Krieger Architekten + Ingenieure GmbH & Co. KG
Construction	Form TL, Radolfzell
Covered Area	5 Kissen in unterschiedlichen Abmessungen gesamte ÜGF: 1.728 qm
Year of Construction	2005

