

# Flower magic Sigmaringen

## Wood membrane construction

The Sigmaringer Blütenzauber is a colourful garden show, which takes place annually on the fairground in Sigmaringen. The heart of the event is a show garden of around 2,500 m<sup>2</sup>. The "flower magic" is framed by a U-shaped, 150 m long wooden membrane construction in the form of a pergola. The shell, made of a white, translucent glass-silicone fabric with a total surface area of approx. 1,000 m<sup>2</sup>, consists of three individual segments which are drawn over the smoothly polished wooden trusses. The translucency of the material is particularly impressive, elegantly reflecting the changes in light and shadow during the course of the day. The rhythm of the wooden trusses and the membrane fields that glow brightly in the sun creates an exciting background to the colourful sea of flowers.



## Project details:

Year: 2015

Location: Sigmaringen, Germany

Building owner: City of Sigmaringen

Client: Textil Bau GmbH

Services: structural design, workshop planning

Other parties involved:

