



TV & photo session for *Madame Butterfly* 2022

Questions and answers

Information correct as of 9.2.22 / (lk)

How high is the stage sculpture made of paper?

The paper sculpture will measure 23.2 metres at its highest point.

How wide is the paper sculpture?

It will be 33 metres at its widest point.

What's the surface area of the paper sculpture?

In total the paper sculpture will have a surface area of 1,340 square metres. The biggest part measures approx. 17 square metres, the smallest about six square metres.

How much does the paper sculpture weigh?

The paper sculpture weighs about 300 tonnes in total. The supporting structure of steel and wood accounts for about 288 tonnes of that. About twelve tonnes are polystyrene foam and facade plaster.

How many parts is the paper sculpture made from?

117 individual parts are fitted to the steel girder construction.

How many loudspeakers will be built into the paper sculpture?

47 loudspeakers will be built into the paper sculpture.

How many companies are involved in making the paper sculpture and who are they?

Twelve companies are involved. The contractor is Biedenkapp Stahlbau GmbH from Dornbirn (Austria) with i+R Holzbau GmbH (Lauterach, Austria) as subcontractor. A number of other firms have also been involved in the construction project. They include Ludwig Steurer Maschinen und Seilbahnbau GmbH & Co. KG (Doren, Austria), Salzmann Hafenbau GmbH (Fußach, Vorarlberg), Keller Grundbau GmbH (Vienna, Austria), La Mimesi Frank Schulze (Berlin, Germany), Edelbunt Matthias Trostberger (Telfs, Austria), merz kley partner GmbH (Dornbirn, Austria), Simon Wimmer Screenpix (Altach, Austria), Andres Geotechnik AG (St. Gallen, Switzerland), Gaisberger ZT GmbH (Dornbirn, Austria) and Bregenzer Festspiele GmbH.



What material is used for the construction?

The paper sculpture consists of a steel girder construction covered with plywood cladding. Glued to this wooden cladding are machine-shaped EPS (expanded polystyrene) blocks, which are then given a coating of facade plaster and painted.

* All height specifications relate to the mean water level, known as "water level 2", which corresponds to the Bregenz level of 416 centimetres