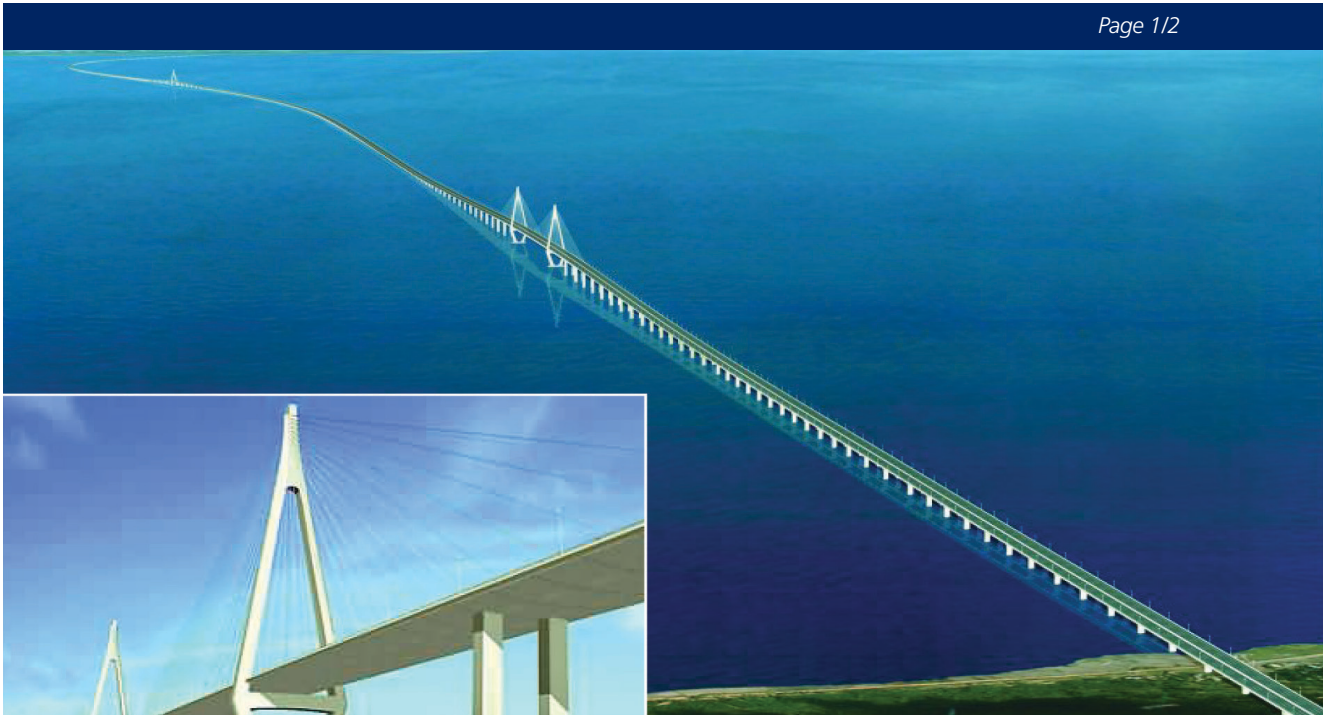


# Hangzhou Bay Bridge, China

CPF Formtex® from Fibertex Nonwovens A/S was used to improve quality of concrete cover in splash zone areas of piers.



The 36 km long Hangzhou Bay Bridge is the longest ocean-crossing bridge in the world, spanning across the Hangzhou Bay on the East China Sea and crossing the Qiantang River at the Yangtze River Delta. It surpassed the Donghai Bridge, the longest transoceanic bridge in the world, when it was opened in 2005.

The S-shaped Hangzhou Bay Bridge is an important connection in China's East Coast Superhighway. Starting in Jiaxing to the north, the bridge ends at Ningbo's Cixi county in the south.

It shortens the ground transportation distance from Ningbo to Shanghai by 120 km and travel time from four hours to two and half hours. It is a six-lane, two-direction highway with a 100 km/h speed limit, and a 100 year, service guaranteed, cablestayed design.

Fibertex Nonwovens A/S has supplied approximately 36,000 m<sup>2</sup> CPF Formtex® to this project during the construction period of 2004 and 2005.

Fibertex Nonwovens A/S was chosen as supplier due to the company's experience as a supplier to major constructions around the world and due to the company's flexible installation system.

For this project mainly steel forms were used and hence the gluing method of installation was chosen. On top of this it was required to install both on forms placed horizontally and vertically.



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No form size is too small or too big to use Formtex® and this case's forms were as big as 4 x 12 m. Bends or curves are no problems as Formtex® is a flexible material which will follow the contour of the form as seen on picture to the left with vertical installation.



Finished piers, on their way to installation, with a smooth and dense concrete surface due to the usage of CPF Formtex®.