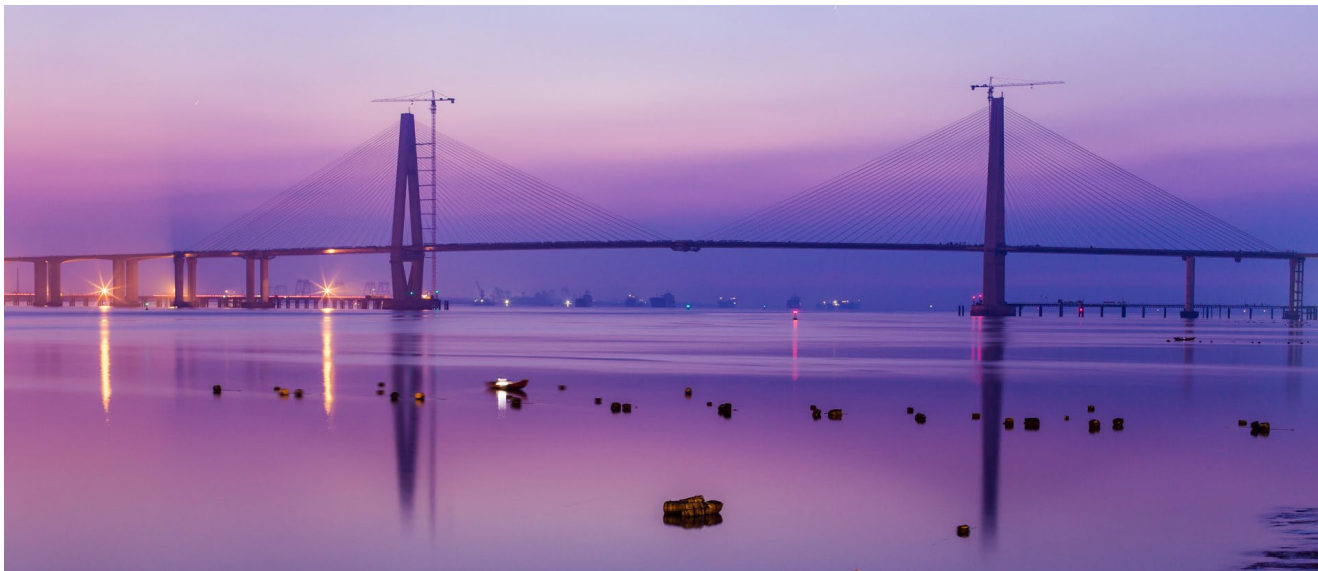


Second Jiao Jiang Bridge (China)



Project description

The Second Jiao Jiang Bridge and the project for a further connection link are located in the mouth of the Jiao Jiang River of Taizhou Bay in the Zhejiang Province.

The main bridge features a length of 3'702 m and it has been designed according to the 1st Road Building Standard. The bridge was officially opened to traffic in 2014.

Being designed as a cable stayed bridge of composite girder structure with dual-pylon and dual-cable plane, each pylon features a length of 153 m and is designed as diamond-cut. The main span is 480 m.

Its construction has vital importance on promoting balanced infrastructure development among China's regions.

mageba scope

In 2014, mageba manufactured four TENSA®MODULAR expansion joints of type LR15, each with 15 individual gaps between surface beams and accommodating longitudinal deck movements of up to 1'200 mm.

The expansion joints feature anti-skid coating ROBO®GRIP that consists of five layers of low-viscosity resin and high-friction additive. The use of this material improves tyre grip and consequently safety as skidding of vehicles in wet conditions will be prevented. Being originally developed for building structures where high friction and high durability under extreme conditions are required, the excellent properties also proved to be a huge benefit for large bridge structures.

Highlights & facts

mageba products:

Type:	TENSA®MODULAR expansion joints of type LR15
Feature:	ROBO®GRIP anti-skid surfacing
Installation:	2014

Structure:

City:	Taizhou
Country:	China
Type:	Cable-stayed bridge
Completed:	2014
Length:	3'702 m
Owner:	Construction Headquarters of the 2 nd Jiao Jiang Bridge
Contractor:	Road & Bridge East China Engineering Co., Ltd

The bridge is located in the city of Taizhou in Zhejiang Province in eastern China



A 15-gap TENSA® MODULAR expansion joint ready for transport



Installed expansion joints on the Second Jiao Jiang Bridge

