

New Structures

Sliding pendulum

Southern Branch of National Palace Museum, Taipei

, Taiwan



General contractor

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Customer/Owner

Lee Ming Construction Co., Ltd.

Engineer

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Freyssinet subsidiary

FPC ITALIA S.p.A.

Works period

Start date: March 2012 End date: December 2013



PROJECT DESCRIPTION

The National Palace Southern Branch will be located in Taibao, Chiayi County, Taiwan. The Southern Branch of the National Palace Museum is an institution conceived for the promotion of Asian arts and culture. The construction is expected to be completed in 2015. The project is expected to cost USD 268 million and spread over 70 hectares (700,000 m2). It will be designed by the Taiwan-based firm Artech Inc. and will be both earthquake resistant and flood resistant.



FREYSSINET MISSION

FPC ITALIA has completed the supply of 210 sliding pendulum for the seismic isolation of the prestigious museum. The isolators have a vertical load capacity up to 20.000 kN, a displacement equal to \pm -500 mm and have been successfully tested by Eucentre laboratory in Pavia (Italy).