

Decode the 2,500-year-old architecture to help the Forbidden City pass 200 earthquakes

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The Forbidden City or the Palace, is the palace of dynasties from the middle of the Ming Dynasty to the end of China's Qing Dynasty. With its strange and mysterious architecture, the building only with wooden roof designs has the ability to withstand more than 200 intense earthquakes over 600 years, surprising the scientific community.

1. 11 mysterious ancient buildings in the world that challenge the scientific world
2. Why is Roman concrete 2,000 years ago more sustainable than modern concrete?



The Forbidden City stood firm for 600 years despite experiencing 200 large and small earthquakes.

According to the researchers, architects in ancient China have developed 'fighting', a type of structure with many rectangular wooden frames capable of reducing the impact of earthquakes. buildings right from 500 BC.



Fighting is also the unique structural secret of the buildings in the Forbidden City.

Fighting is also a type of roof structure according to the technique of overlapping (the sections of roof supports in the form of wooden beams to support roof diaphragm, overlap). It not only has the effect of expanding the porch area, increasing the bearing capacity but also acts as a detail to adorn and decorate the palaces at the Forbidden City.