

Taichung Veterans Hospital (Taiwan)



Project description

Taichung Veterans General Hospital is a government-owned hospital in central Taiwan. It began offering medical services in 1982, with the main purpose of meeting the medical needs of veterans, but also serves the general public. It has 1,500 beds, and with around 3,700 employees it is also able to take care of 7,000 out-patients and 190 emergency room patients daily.

In order to ensure that this important health facility, and especially its emergency department, can function in the aftermath of a severe earthquake (when its services would be needed more than ever), it was decided to retrofit seismic protection in 2017.

mageba scope

The approach adopted to seismically protecting the building in question involved the installation of shock absorbers (dampers) around the building's facade, with steelwork elements added to hold the dampers in place and enable them to function. This approach made it possible to carry out the work with minimal impact on hospital operations.

In total, mageba supplied 296 RESTON®SA dampers for this project, designed for loads of up to 800 kN and displacements of +/- 50 mm.

Highlights & Facts

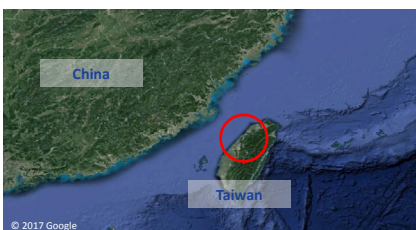
mageba Products:

Type:	RESTON®SA shock absorbers
Features:	Retrofitting project, with 296 dampers
Installation:	2017

Structure:

City:	Taichung
Country:	Taiwan
Type:	Hospital
Contractor:	Dong Meng Construction Co., Ltd.

The hospital is located in Taichung City, Taiwan



A RESTON®SA shock absorber as installed at one location in the specially constructed frame around the building



All 296 RESTON®SA dampers were successfully tested before installation

