ANZ Triangle (New Zealand)

Project description

The three-storey ANZ Centre was constructed on a high-profile site bordering Colombo, Cashel and High Streets in the heart of Christchurch's Central Business District.

It is a versatile structure, which accommodates business, banking and retail outlets, and was designed to withstand strong earthquakes.

The building itself is an important landmark project, and it serves as a case study site for engineers who are interested in the different engineering solutions of seismic isolation.

mageba scope

In order to decoupling the supported structure of the ANZ Centre from the ground mageba designed and produced in total 53 RESTON®PENDULUM DUPLO seismic isolator bearings.

Six of these isolators were tested according to EN15129. In addition, all products used in this project underwent two separate testing processes before installation – a Factory Production Control (FPC) and an Initial Type Testing Presentation (ITT).

Highlights & facts

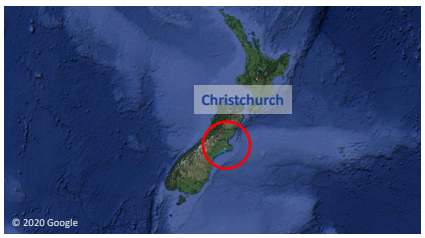
mageba products:

Type:	RESTON®PENDULUM DUPLO seismic isolater bearings
Installed:	2015

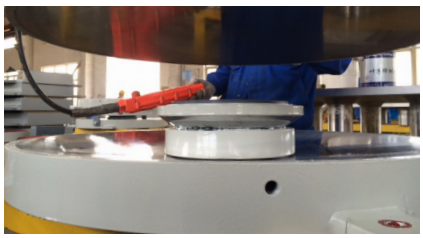
Structure:

City:	Christchurch
Country:	New Zealand
Completion:	2016
Owner:	CHC Properties Ltd
Contractor:	Leighs Construction
Engineer:	Beca Engineering

The ANZ Centre is situated in Christchurch – the second largest city of New Zealand



RESTON®PENDULUM DUPLO bearing in production



One of the pendulum bearings installed on a column of the building

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