

AURÉ Building (Guatemala)



Project description

The AURÉ Building is a 15-storey residential apartment building located in an exclusive district of Guatemala City.

With its various amenities such as a business centre, a pet park, community rooms, a gym and a sky lounge, AURÉ will ensure a high standard of living for all its future residents.

mageba scope

After installing seismic isolators successfully in the Elemento Building in Guatemala our client commissioned us to supply a similar seismic isolation solution for this residential building as well.

This time, mageba was requested to supply 26 LASTO®LRB lead rubber bearings and 4 RESTON®SLIDER bearings.

The lead rubber bearings have a maximum load capacity of 9,400 kN and measure 950 mm in diameter and to facilitate seismic displacements of up to 300 mm.

The bearings were fabricated at mageba's Indian production facility, and two samples of the LASTO®LRB seismic isolation bearing were independently tested at SISMALAB in Italy to confirm that they will perform as expected in the event of an earthquake.

Highlights & Facts

mageba products:

Type: LASTO®LRB
lead rubber bearings
RESTON®SLIDER bearings

Installation: 2022

Structure:

City: Guatemala City
Country: Guatemala
Type: Residential building
Owner: Grupo Origo
Contractor: Desarrollos Acacia
Designer: Eng. Byron Paiz

The building is situated in the capital of Guatemala, in Guatemala City



Lifting of a LASTO®LRB lead rubber bearing to its final position



Installation of a LASTO®LRB lead rubber bearing to the building

