

Viaducto Mitre (Argentina)



Project description

With a total length of 29 km, the Bartolomé-Mitre line of the Buenos Aires metro – construction of which has been one of the city's most important infrastructure projects of recent years – passes through the heart of the Argentine capital.

Part of the line, with a length of 3.9 km, is elevated 9.5 m above street level to separate it from other forms of traffic. This removed a number of junctions and freed up roughly 8 acres of land for use for parks, services and parking, as part of an overall redevelopment of the area.

mageba scope

A large number of elastomeric bridge bearings were required to support the many sections of the viaduct's superstructure, while accommodating movements and rotations and transferring vertical and horizontal forces as required.

410 mageba LASTO®BLOCK bearings of type B were supplied, each with dimensions of 550 × 700 × 121 mm.

To help ensure that the bearings will perform as required throughout their service life, they were tested in accordance with ASTM standards.

Highlights & Facts

mageba Products:

Type: LASTO®BLOCK Type B bearings
Installation: 2018

Structure:

City: Buenos Aires
Country: Argentina
Type: Metro rail viaduct
Length: 3,900 m
Built: 2019
Contractor: Benito Roggio e Hijos - Chediack

The viaduct is located in Buenos Aires, Argentina's capital and biggest city



LASTO®BLOCK bearings as installed in the structure



Each LASTO®BLOCK bearing has dimensions of 700 × 550 × 121 mm

