

Les Halles de Paris (France)



Project description

Les Halles de Paris, located in the heart of the French capital, is the site of the city's traditional wholesale fresh food market, dating back to 1183. Following modernisation works in recent decades, it is now an important commercial and cultural centre, and has the city's most used rail station, serving 750,000 travellers on an average weekday.

In a development project in 2012, new buildings were constructed with a spectacular curvilinear canopy roof connecting them and covering the open-air central area between them. The canopy (La Canopée des Halles), in particular, is an architectural masterpiece and a fine feat of engineering.

mageba scope

To support the new canopy roof where it rests on the buildings at either side of the covered area, mageba supplied twelve large RESTON®SPHERICAL bearings. These were designed to carry loads of up to 55,900 kN (over half the weight of its Paris neighbour, the Eiffel Tower). All of the bearings are of the free sliding type (type KA), accommodating sliding movements in all directions. The bearings feature ROBO®SLIDE high-grade sliding material instead of the PTFE normally used in sliding bearings. This greatly increases the bearings' strength and also, due to ROBO®SLIDE's far superior resistance to wear and abrasion, their durability.

Highlights & facts

mageba products:

Product: RESTON®SPHERICAL bearings (up to 55 MN)
Features: ROBO®SLIDE high-grade sliding material
Installation: 2012

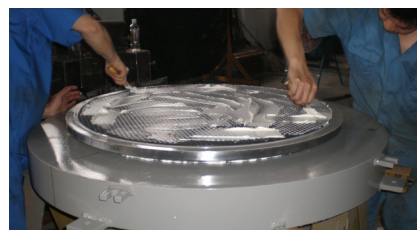
Structure:

City: Paris
Country: France
Completed: 2015
Type: Canopy roof over plaza
Contractor: VINCI
Architects: Patrick Berger, Jacques Anziutti

Les Halles de Paris is located in the centre of the French capital.



Application of grease to the upper sliding interface of a RESTON®SPHERICAL bearing.



The 12 RESTON®SPHERICAL bearings support the great weight of the enormous canopy roof.

