

WIPO conference hall Geneva (Switzerland)



Project description

The World Intellectual Property Organization (WIPO) has built a new conference building in the UN district of Geneva, Switzerland.

The structure is made of wood and steel and gives priority to sustainability, using local wood, natural light, hybrid ventilation combining natural mechanical means, and a cooling system drawing water from Lake Geneva, within a framework of the Geneva-Lake-Nations project.

Together with several new smaller meeting rooms in the main headquarters building (the Arpad Bogsch Building), the new conference hall will cater for increasing demand for multilateral and bilateral consultations associated with intergovernmental meetings at WIPO.

mageba scope

As the structure of the building poses challenges to its stabilisation, bearings that ensure the controlled transfer of forces between its superstructure and substructure.

mageba was chosen to provide six spherical bearings. These bearings facilitate the following major requirements:

- Transfer of higher horizontal loads than vertical loads (NSd,max = 11,600 kN / VxSd,max = 1,900 kN)
- Smooth rotation around three axis thanks to the concave/convex special design

Highlights & facts

mageba products:

Type: RESTON®SPHERICAL bearings types KF and KE
Features: NSd,max = 11,600 kN / VxSd,max = 1,900 kN
Installation: 2012

Structure:

City: Geneva
Country: Switzerland
Completed: 2014
Height: 40 m
Type: Steel / wood structure building
Owner: World Intellectual Property Organization (WIPO)
Contractor: Charpente Concept
Architect: Behnisch Architekten

The building is located in Geneva and was inaugurated in September 2014



A type KF spherical bearing, resisting horizontal forces in every direction, allowing no sliding movements



A RESTON®SPHERICAL bearing installed between the super- and substructure of the hall

