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DATI

PLACE:
Milano EXPO 2015

DESIGN PERIOD:
2013/2014

CONSTRUCTION PERIOD:
2014/2015

CLIENT:
APEX Brasil

*Architectural design
Structural design
System Design
Site management*



EXPO 2015 focuses on food, basic energy of human activities and indispensable universal right. Brazilian agriculture pursues the desired harmony between growth and development with the mission to level the individual and collective welfare.

Brazilian pavilion is located near the west access, between Expo centre, zero pavilion and Cascina Triulza at the north side of decumanus.

The concept starts from a metaphor which try to tell about the identity of the country: the NET, a big net to access to the pavilion that invites you to know the big network of Brazilian agriculture.

The expositive program of the pavilion and its structure are divided into two parts: on the left side there is the axis more playful and permeable while on the right side there are denser and technical spaces.

The left side, where you can enter the pavilion, is characterized by a big gallery 115 meters long, made of a series of portals made of corten steel and covered by corten grid panels that shade the exhibition space leaving it permeable. On the right side, instead, there is the part that configures as a building, with three floors and different kind of exposition. So the pavilion develops an apparent dichotomy between open and close, artifice and nature.



The structure of Brazilian pavilion is made of two parts: the body of the pavilion and the gallery divided into two parts by an earthquaking resistant joint, that is essential for a structure like this. The first part of the gallery, before the earthquaking resistant joint, is a structure completely independent made of portals 5 m distant each other, whereas the second part of the gallery, beyond the joint, is supported by the building and it's connected to it by means of a bolting system between pillars. The portals are made of HEA300, connected by means of beams and bracing positioned on the wall and on the roof of the gallery.



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