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KOREAN PAVILION EXPO 2015

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DATI

PLACE:
Milano EXPO 2015

DESIGN PERIOD:
2015

CONSTRUCTION PERIOD:
2015

CLIENT:
VFD (Veneranda Fabbrica
del Duomo)

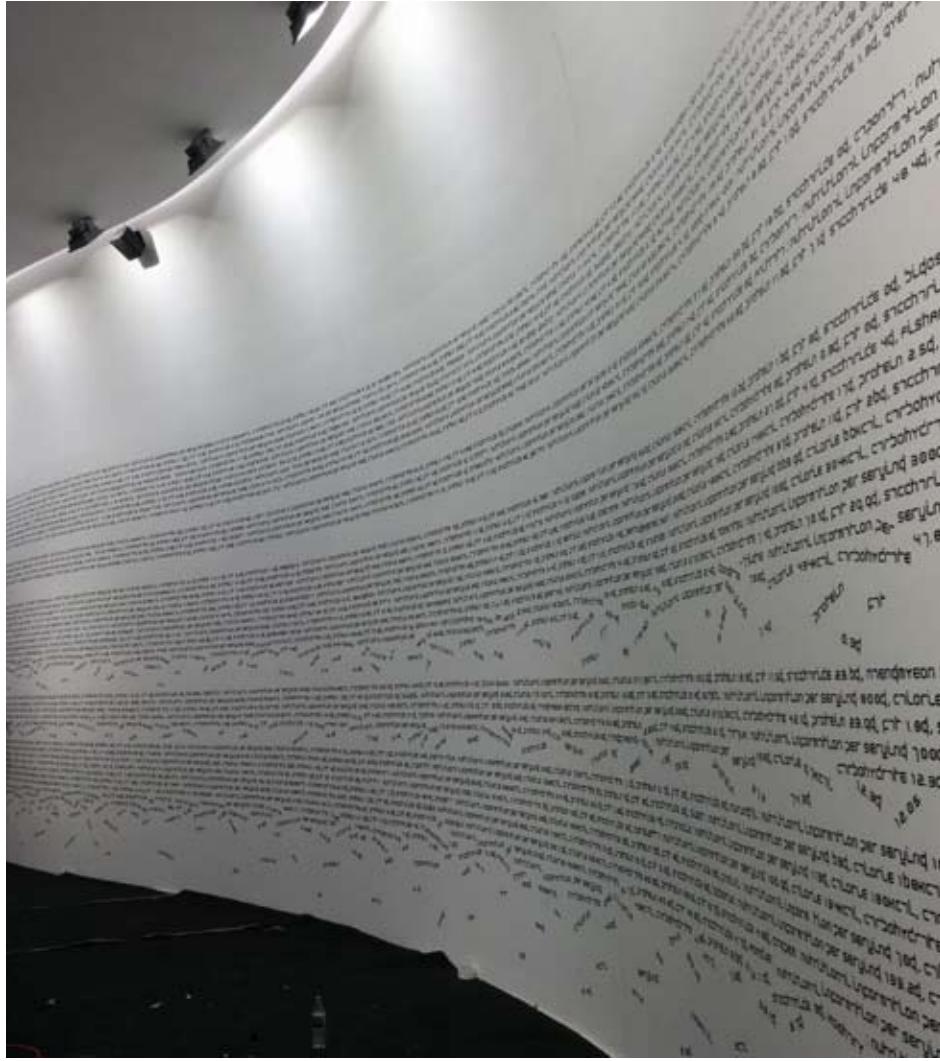
*Architectural design
Structural design
System Design*



Three ideas are the base of Korean pavilion: the first idea, "flotation", the second one, "permeability", ground floor is an open area used by public and as a free space. This area is open for everybody and enriched with temporary exhibition, food stand and restaurant. The third idea is related to the concept of the façade. Korean pavilion, thanks to its conformation, creates some small squares, near to decumanus, between the pavilion and triulza farmstead, along the canal and between the service building and Brazilian pavilion. So the façade becomes the scenery that determines the continuity between these areas.

Systems

Because of the duration of the event air conditioning system has been designed above all for air cooling. The system was designed in order to ensure a good quickness to be turned on and to have a high performance technology. The technology we chose allow relevant energy savings in managing and easy function. The systems allows to consider different using times with the possibility to manage it separately and independently. Electrical system design was based on: very high energy performance, high environmental comfort levels, good quality of indoor air, ability of system implementation. Fire system is made of fixed automatic detection systems, fixed warning manual system in order to allow a quick people exodus, to activate emergency plan, to



activate protection system against fire.

The evacuation audio system is integrated with the emergency management of the entire EXPO. The solution involves the use of a fully programmable digital system that allows the division of alarms independently on the different areas provided.

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