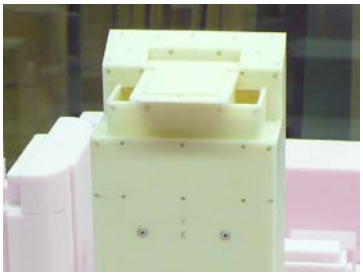
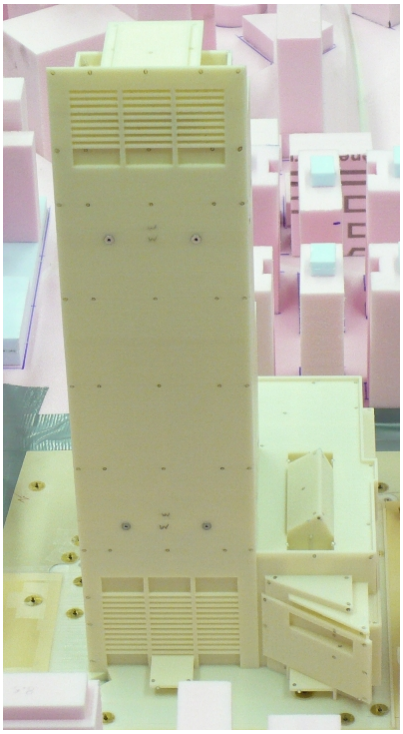
Torre Paulista, Sao Paulo, Brazil

Wind Engineering Study





Client	Engineers	Architect
Israel Berger & Associates, Inc.	França & Associados Engenharia S/S LTDA	Aflalo & Gasperini Arquitetos
Height	**Year Studied**	**Model Scale**
189 meters	2008	1:400

The Project

The Torre Paulista Project is located at the intersection of Avenida Paulista and Rua Pamplona in Sao Paulo,Brazil. The development consists of a residential building of 35 storeys, including a 7 storey podium for commercial use.

The Wind Tunnel Studies

The wind engineering studies for the tower included a study of the wind-induced structural loads and responses, local cladding pressure loads and pedestrian level winds.

The study of overall structural loads and responses for the tower were determined using the loads from pressures technique.

The study of wind-induced cladding pressures was carried out for 363 measurement locations distributed over the tower and associated low-rise.

The pedestrian level wind study examined 22 locations in and around the site.

The Boundary Layer Wind Tunnel Laboratory

Western

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