

Architect

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EMBT

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Barcelona, ES

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GRAN VIA ACOUSTIC PANELS

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GRAN VIA ACOUSTIC PANELS

The objective of this project is to diminish the unwanted noise from the passing cars towards the houses located in Gran Via.

A long row of acoustic screens prevents the noises of the fast traffic way (lower level) to reach the upper level (destined to slow traffic and pedestrians) and the buildings.

The screens consist of a resistant outer skin that surrounds an acoustic insulation core. Their shape is such that reflects the noise.

The inner material also helps with its absorbing qualities. All the set conform a body of 2.5 meters by 7.5 meters in length.

The widths vary between 10 and 50 centimeters.

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Status: Built

Location: Barcelona, ES

My Role: Architect

Additional Credits:

GRAN VIA ACOUSTIC PANELS

Credits

Date: 1999 - 2002

Location: Barcelona, Spain

Client: Ajuntament de Barcelona. Generalitat de Catalunya. IMU – BIMSA.

Type of project: Direct commission, new construction

Program: Acoustic Insulation

Architect: Benedetta Tagliabue - Miralles Tagliabue EMBT

Project Director: Joan Callís

Project Team: Peter Sándor Nagy, Jan Kokol, Joao Pedro Da Veiga Fernández.

Models: Christian Molina, Abelardo Gómez, Miguel Sánchez, Felipe Bernal, Miguel Andrés Sánchez, Catalina Pinzón.

Structural Engineer: Julio Martínez Calzón MC2 - Estudio de Ingeniería, Madrid

Acoustic: Higini Arau



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