



## RESIDENTIAL BUILDING IN THE CHARTRONS DISTRICT

Bordeaux, France

### Renovation of an 18th-century building

The challenge of the project was to create a new living space in the upper section of a Bordeaux building located on the Quai des Chartrons. The project involves renovating the dilapidated floor at the third level (R+3), which had been a "pigeon's refuge" for many years, and converting the attic to create new living areas and an outdoor space. These floors presented the typical characteristics of an old building: outdated heating system, non-existent thermal and acoustic insulation, interior layout with partitions that resulted in a lack of light and natural ventilation in the center of the apartment and in the attic, and the absence of outdoor space.

The project was guided by the desire to simultaneously connect and perceive a large spatial continuum across two levels: the river to the east, the inner courtyard, the rooftops of the city to the west, and a new element, a "terrace-garden," embedded in the volume of the attic at the rear of the building. To achieve this, we designed an interior layout with the flexibility to be completely open, yet capable of being closed off to create intimate subspaces as needed. The living space extends across the third level, opening up generously to the river, and wraps around the inner courtyard.

The technical functions (toilets, laundry, ducts) were grouped in the center of the floor in an independent box, maintaining a wide passage on one side that provides access to the box, while the other side traverses the kitchen area. The sleeping areas are located in the attic on the river side, with two large windows opening onto the new "terrace-garden" nestled in the volume of the former attic space on the warehouse side. The spatial continuity between the two levels of the apartment (...)

Client  
Private

Program  
Renovation, complete restructuring of an apartment, and furniture design.

Surface  
350 m<sup>2</sup>

Cost of Work  
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Status  
Delivered in 2014

Environmental Quality  
Eco-construction targets | Integrated choice of construction processes and products: All recoverable elements on-site were reused (interior doors, pitch pine flooring, cast iron radiators, etc.).

Eco-management targets | Energy management: The entire envelope was treated for thermal and acoustic insulation with wooden joinery featuring double-glazed windows with thermal break, in continuity with interior insulation using wood fiber (...)

Housing



