

# Manuel Cortina 1

## Refurbishment - Extension - Suppression of Architectural Barriers

An extension is carried out at Manuel Cortina 1 while maintaining the scale and proportion of the original building. By embracing the originality of the proposal and avoiding mimetism, the intervention is in respect of the building's design and construction.

Placed in Chamberí, a central neighborhood in Madrid, this five storey building, listed with the third level (its facade and staircase are protected), has two facades facing Manuel Cortina and Manuel Silvela Street and an amazing view of Luchana Street. The total surface of the building is 1,025 m<sup>2</sup> and it was built in 1935.

After refurbishing the facades and renovating all the apartments on the first, second and third level, one floor has been added on the top of the building. Furthermore, the staircase has been renovated and an elevator has been placed in the patio.

The old structure is out of load bearing walls and one-way floor of metal joists while the one of the extension is light and metallic. The finishing of the ventilated facade on the last level is white limestone that is fixed with a mechanical attached system. A new insulated sloped roof covers the perimeter of the building and a flat roof located in the interior part of the plot provides enough space for the necessary air conditioning systems.

With the operation that has been carried out both at an architectural and technical level, the building after all the necessary procedures and licenses has been re-evaluated and updated to the twenty-first century.

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