



World Architecture **E** Senior Living

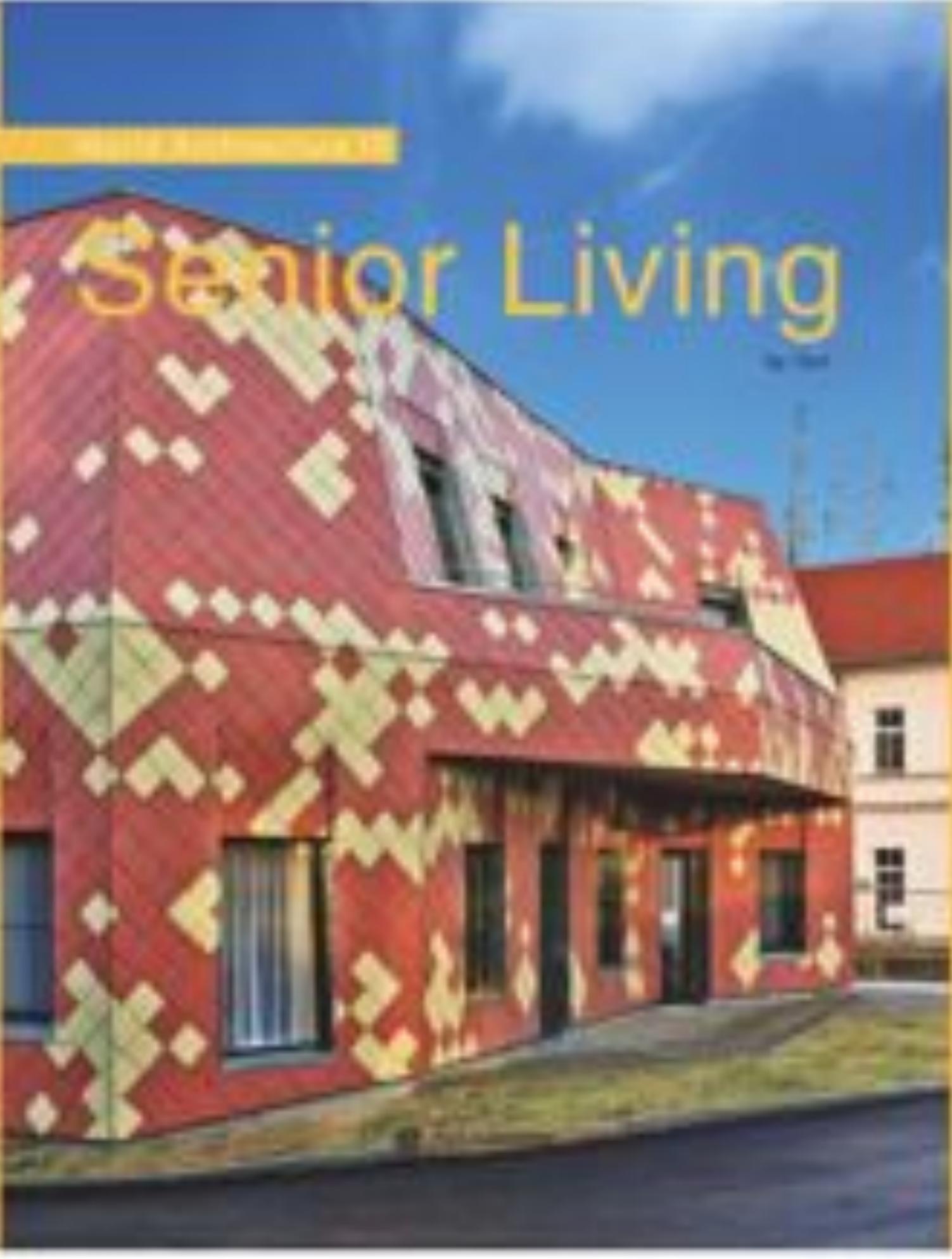
# Senior Living

**Book Overview:** An international survey of contemporary senior housing and the design process for the senior housing sector of the world. About 2000 living spaces, including assisted living, independent living, and more.

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## Keywords

Sunscreens Elements

Wood Facade & Composite  
Material Skin

Multiple Grid Facade

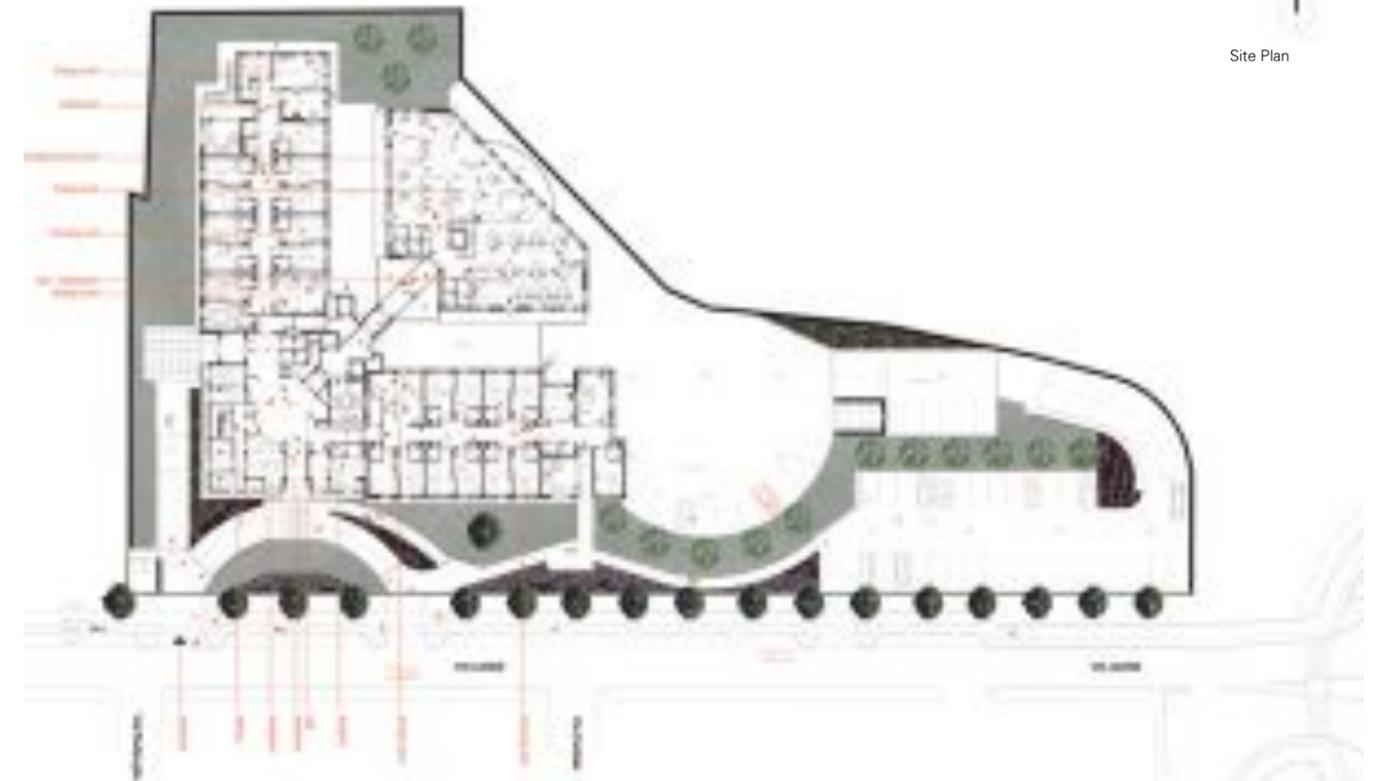
RSA - 'I Tigli', Novara, Italy

Location: Novara, Italy  
Architectural Design: Andrea Bella, Andrea Bella Concept  
Aldo Castelletta, CBS Architetti Associati  
Total Floor Area: 6,028 m<sup>2</sup>  
Number of beds: 120

'I Tigli' is an assisted nursing home for the elderly who are no longer self-sufficient in the centre of Novara, a few kilometers from Milan, designed by Andrea Bella and Aldo Castelletta. The inauguration took place in February 2011, after just 24 months of work. The extremely clean design defines the image of the building. Geometrical elements match together, suggesting a rhythm in their interaction with each other.

The contrast between volumes, flat continuous surfaces and combined elements creates a bright scale of colour gradation. The different illumination of these parts gives the impression of a "soft introduction" of the structure to the surrounding natural environment, with a perfect "play of light". The facades are coated with wood panels alternated with composite material elements, used to filter the sun rays. These protection elements become mobile in conjunction with the windows, sliding behind the facade panels. This feature clears the window surfaces and changes the design of the elevations.

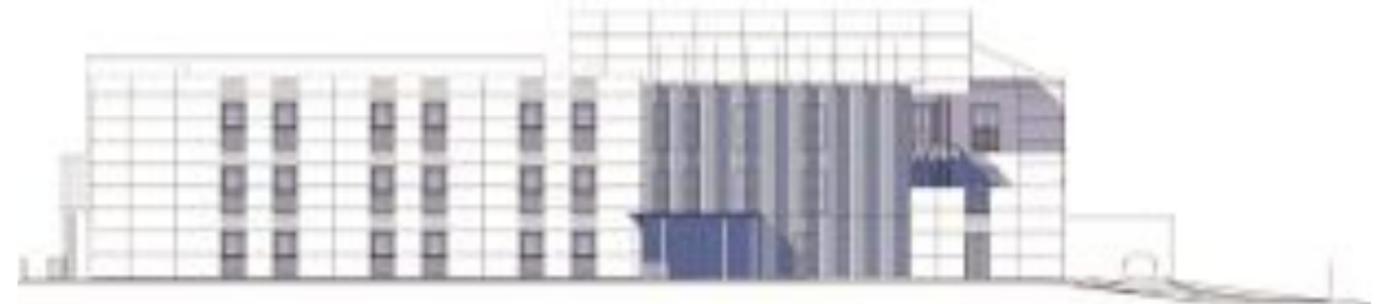
The concept, the building technology and the materials chosen for the external facades are the result of an accurate study, aiming to create a functional design. Knowledge, style and the employment of advanced materials that are



First Floor Plan



PROSPETTO SUD verso la via UDINE (1)



PROSPETTO OVEST (4)

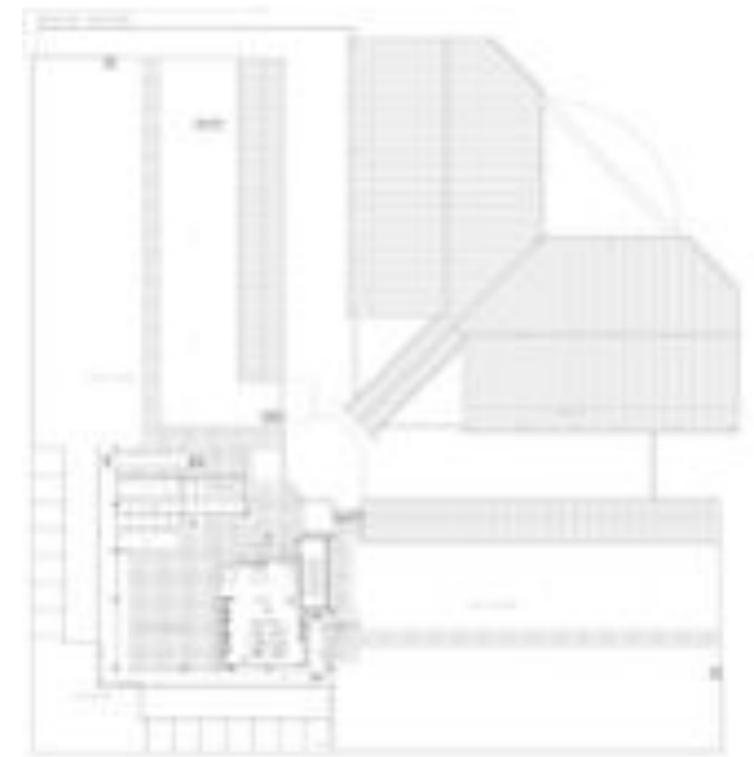




Basement Plan



Ground Floor Plan



Plan Coverage



First Floor Plan



Second Floor Plan

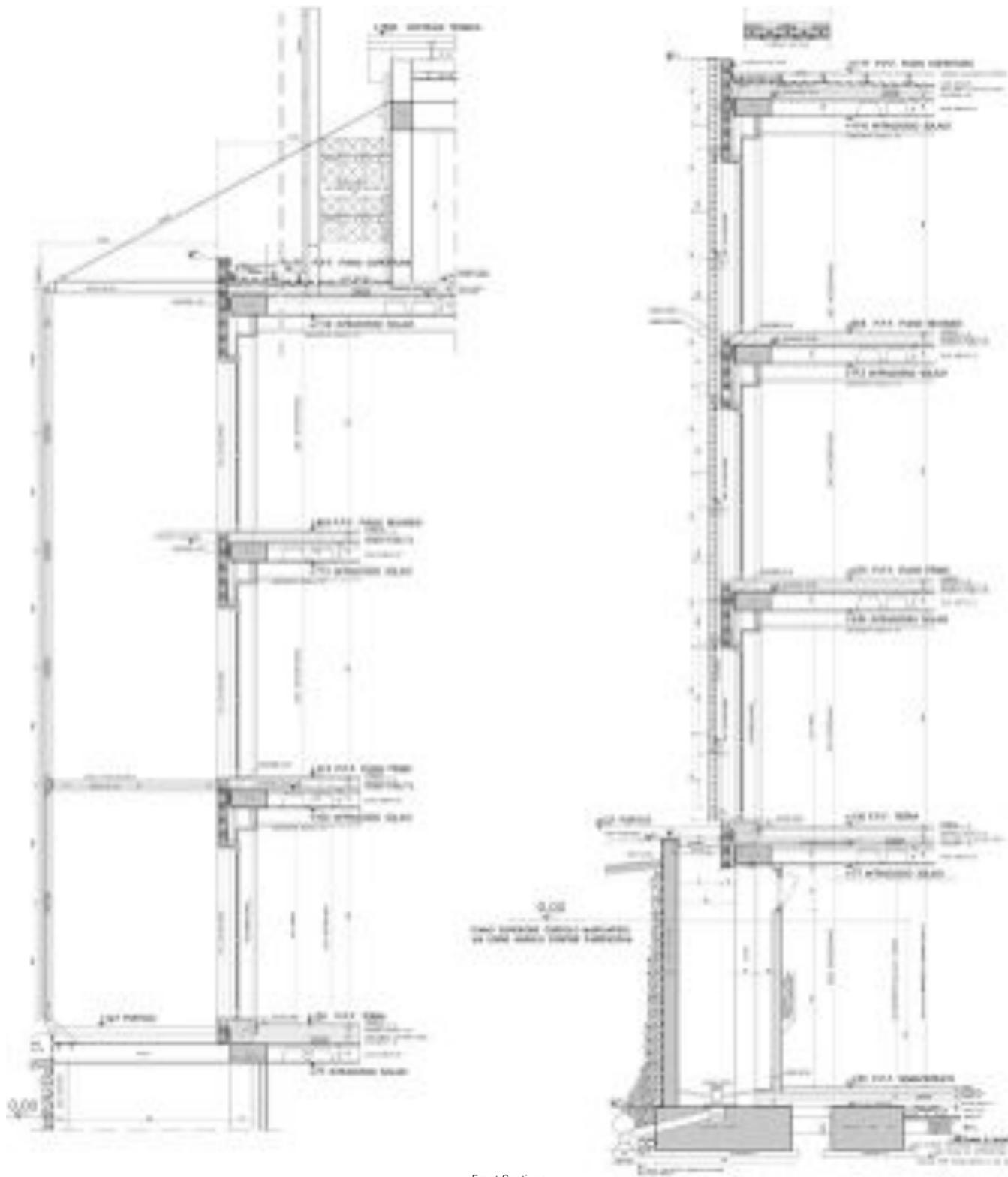
eco-compatible produce important energy saving outcomes. The combination of lights, shadows and natural colours, in combination with a perfect solar exposure, define the vitality of the structure sending a positive message to the occupants of the building.

The complex consists of two sleeves at 90 degrees, oriented to the south and west respectively. The building as a whole is characterized by an architectural solution designed to obtain high performance energy saving through a simple design and straightforward. In particular, the facades are resolved using an external casing to protect the structure and building. The outer casing is detached from the walls of the building about 20 cm and is made of two different

solutions. For the protection of the main walls, laminated wood panels with a core made of bakelite, waterproof and weatherproof were adopted. For the protection of the open parts, sunshade elements in composite materials were used.

Particular attention has been dedicated to the external openings and protection from external light. For this purpose, special dimming systems retractable have been designed. The elements that protect the windows can slide and disappear behind the wall panels of the facade. Sunscreen elements that protect the windows are made from extruded elements in composite materials, lightweight and weather resistant, mounted on sliding steel frames.





Front Sections

