

L-House by Architects Collective

Living surrounded by the brilliance of natural light

The new home for a young family is located on the outskirts of a small settlement in the South of Austria's Burgenland region and is harmoniously placed into the hilly landscape. The traditional and typical L-shaped floor plan of the region was developed further in an imaginative and thoughtful way advancing modern home, energy and living concepts. The client wished for a contemporary living experience that is blended into the surrounding landscape. The result is a surprising habitat that reflects the way the family lives incorporating design quality, sustainability and functionality in everyday life. The L-House is an avant-garde architectural gem that merges the needs of its residents with the environment.

L-Form

The typical and historical L-shaped building type of the region provided the impetus for the architects to translate the typology into the 21st century with this distinct landmark structure. Developing the form created a protected courtyard and the separate living and sleeping zones the family asked for. The generous glass areas create plenty of natural light and extend the living space visually into the garden and the hills behind it.

Living Structure

Cantilevering the corner of the L-shape created a covered entrance area that leads into a two-story foyer and a courtyard. The upper level is divided into a bedroom and a living-dining-kitchen zone. Between the two areas is a continuous open space that is flexible and can be altered over the years by the residents. Currently the space is being used as a children's play and reading area.

Natural Light

The house, with 300 m² of usable floor area, impresses with its generous views of idyllic rolling hills flooding the interior with natural light. The deliberate and expressive building form establishes a dialogue with its surrounding landscape and feels light and airy. At the same time, the building achieved the very stringent local classification of an ultra-low-energy-house by using triple panel glassing. Additionally, the building's orientation and its deep overhangs increased the comfort and lowered the energy costs for the inhabitants. Light, design and comfort are the key elements of this bright gem in Southern Burgenland.

Vienna, June 1st 2012

L-House in Numbers

Architecture	Architects Collective ZT GmbH
Location	Burgenland, Austria
Planning Period	09/2009 - 01/2010
Construction Period	10/2010 - 02/2012
Usable floor area	300 m ² (excluding garage and technical rooms)
Gross floor area	450 m ² (including garage and technical rooms)
Building volume	1850 m ³
Construction	Reinforced concrete / partial steel (cantilever) and wood (canopy)
Energy standard	„Very low-energy-house“ (Niedrigstenergiehaus)
Heating demand	20 kWh/m ² a
Type of heating	Wood pellets central heating station (serving 3 single family houses)

Products & Materials

Facaden panels	Rieder FibreC Ferro FE Silver Grey (Fiberglas-Cement-Panels)
Glass Facades	Schüco FW60+ SI (triple-glass)
Window	U _w (window) = 0,80 W/m ² K
Roof	Bauder Thermoplan triple-ply EPDM
Pellets heating	Sommerauer & Lindner
Sun screen	Valetta louvers
Sectional door	Belutec
Doors	Dana
Interior floor	Oak oiled
Bathroom floor	Slate
Exterior floor	Limestone
Bathroom ceramics	Laufen
Sanitary fittings	Vola
Lighting fixtures	Erco

About Architects Collective

Architects Collective was founded in 2006 by Andreas Frauscher, Richard Klinger and Kurt Sattler in Vienna, Austria and has since worked internationally on projects in architecture, landscape and urban planning. Designs are created and advanced by a collective idea finding process where creativity and expertise complement each other. Among the completed projects of the office are the Klinikum Klagenfurt hospital complex, which received the Austrian Client Awards in 2011, the ultra-low-energy Leeb Fruit Orchard and the Ozuluama Residence in Mexico City for an artist-writer couple.

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