



## Project Information

### Builder-Owner

Wolfgang Beck, Ursula Beck-Faigle

### Location

Hard

### Completion

1998

### Project facts

n.b.ar. 170 m<sup>2</sup>, GFA 200 m<sup>2</sup>,  
GBV 597 m<sup>3</sup>

## A beautiful family house that combines innovation and sustainability.

The family house Beck/Faigle in Hard, sits in a very normal residential area. On the plot is a small old house which was to be demolished to make room for the new building. After lengthy deliberations and discussions, this was decided to renovate the old home and use it as an outbuilding.

»It is true that in Vorarlberg it is not unique for a client to embrace modern architecture, but there are differences in the clients architects find. The Beck / Faigle family is characterised by a particular desire for innovation and a high degree of ecological responsibility.«

Univ.-Prof. Arch. DI Hermann Kaufmann

The new house has now been positioned so that it forms a courtyard together with the existing building. The house opens to the garden and to an old apple tree, which is included in the green living environment. The house highlights the courtyard formation by bringing the north and east walls forward. These exterior and interior timber facing walls are in contrast to the southern and western walls, which are glass-clad on the outside and plastered boarded on the inside.

The architectural language of the houses is clear and simple and therefore belongs to the "Vorarlberg School". There is energetic consideration in the shape design. Here, the south and west facades are finished with plasterboard walls, that include cardboard wall insulation. This insulation method does not have the heat radiation properties of "stone walling".

The insulation of the house is chosen so that heating, provided with a wood-pellet stove in the living area, can be combined with controlled ventilation. Overall, the heating requirements are well below the level of the Vorarlberg energy-saving standard.

The floor plan allows open living in spacious and bright rooms, which are decorated with simple but beautiful materials and furniture. The typical floor plan, the north-facing staircase, and all rooms are oriented to the south which works almost automatically in this situation.







## Project Stakeholders

### Project Leader

DI Christoph Kalb

### Colleague

Richard Forer

### Structural Engineering

Mader + Flatz Baustatik ZT  
GmbH, Bregenz

### Heating Ventilation and

#### Sanitary Planning

Eco Technik, Walter Schöpf,  
Dornbirn

### Electronics Planning

Elektro Maier GmbH, Lauterach

### Building Physics/Acoustics

Berchtold Holzbau GmbH &  
CoKG, Wolfurt

## Awards

Holzbaupreis Vorarlberg  
1999

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