

# New construction cottage Pardiel, Pizol

2008

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The Minergie wood system building Casa Muntaluna is a vacation and dream house in one, in the middle of the skiing area Pizol. The vacation home is located at 1'600m above sea level in the Pardiel above Bad Ragaz.

## The project

A cottage that, despite its special design, integrates perfectly with its surroundings. On the first floor there are bedrooms and sanitary rooms. Living, dining and kitchen are located in the attic. The panoramic view is sensational.

## The construction

A generously covered balcony complements the upper living space and creates free space for sheltered outdoor living. The special feature of Casa Muntaluna are the lower walls, which are placed at an angle to the outside. This type of construction was chosen so that the attic could be designed with a knee wall height of only 1.3 m - in favor of more free space. The horizontal forces generated by the inclined position of the walls are absorbed by tension bands. These are located in the balcony handrail, the gable wall and the inner transverse wall plates.



Rear view



Without outer skin



Fundament



Under construction

### Construction Data

- Shape: 5-corner placed on the side
- Wooden frame construction with hollow box ceilings
- Minergie

### Services of Timbatec

- SIA phase 31 preliminary project
- Cost estimate
- SIA Phase 32 Construction project
- Statics and construction

### Architect

CASA-VITA, Frefel Holzbau AG  
8753 Mollis

### Wood construction

CASA-VITA, Frefel Holzbau AG  
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