

Building structures

Vacation apartments Nebesa

Project type
steel construction

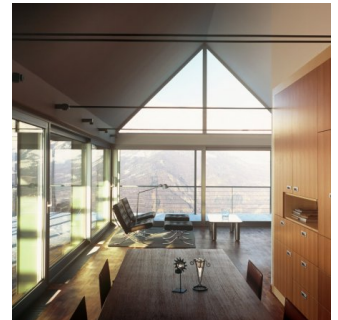
Location
Livek (Kobarid), Slovenia

Investment value
1.600.000,00 €

Year(s)
2002 - 2003

Architecture
Rok Klanjšček BSc Architecture,
Klemen Pavlin and Aljaž Lavrič

Investor
Katja and Bojan Roš



Livek holiday apartments is a high mountain location, which is located in a very strong wind zone at an altitude of 800 m. The apartments are a combination of reinforced concrete ground floor construction and steel single floor houses. Ground floor has been partially dug into the ground in the hinterland to the north side, and open towards the south. On the basement plate are, through the reinforced concrete racks, mounted spotty steel vacation houses. Steel holiday houses are of a single floor structure. The structural frame form the steel frames of a raster 2.70 m. Steel frame pillars are rolled steel sections IPE 240th Steel columns are under connected to the rolled steel sections HEA 260, which also serve as a supporting HI-bond structure. HI-Bond has a total thickness of 12 cm. Due to the stability of frames are foreseen at the top of the pillars where they are continuing within the roof profile, tensile bond solid steel bars of 2×12 mm. Steel ties relieve the pillars. Each holiday home is a longitudinally wind-protected with tension diagonals solid steel bars 18 mm. At the bungalows are foreseen open steel structures "Pergola", which are anchored in the lower plate AB.