

BIRKHAUSER

Building with Bamboo

Design and Technology
of a Sustainable Architecture

Gernot Minke

Architect
Pradeep Sachdeva
Structural calculations
Arvind Gupta
Completion
2009
Built area
approximately 120 m²

House in Sadhrana, Haryana, India

The house has a bamboo roof of *Bambusa balcoa* covered by a 30–35 mm layer of ferro-cement. For thermal insulation, the roof is covered with 30 cm of thatched straw. The walls are made of adobes (sun-dried brick).

