

Case Study

Holiday Home in Light Gauge Steel



Location

Amboli Hill Station, Sindhudurg, Maharashtra.

Country

India

Project Size

1) 430 sqft per and 2) 600 sft

Ezybuild Solution Provider

ARK ENTERPRISES-Akshay Kulkarni- Belgaum

Product Offered

Smartbuild®

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Case Details:

Amboli hill station is located in western part of India in Sindhudurg region of Maharashtra most commonly enjoyed by visitors during monsoon period when the temperature falls below 10°C and has a beautiful natural waterfalls and scenic valleys with winds making a whistling sound. The place is visited by a million people during public but the population of the Ambolighat is less than 10,000.

Since Tourism is the only occupation for majority of residents it is difficult to find labor both skilled and unskilled for conventional RCC construction and also all the raw materials has to be bought from other cities located 100 kms far. Also, the region is windy and requires a strong and maintenance free structure, since it receives a heavy rainfall half the year.

The region also experiences frequent power cuts and having doing construction the conventional way turns out to be more expensive and a tedious affair when personal monitoring is concerned, Also, the building requires frequent maintenance with respect to Painting and waterproofing since most of the time it rains heavily in all directions.

Smartbuild solution is what we are promoting for easy , fast and economical replacement to conventional buildings in such remote areas where otherwise, construction becomes a difficult affair.

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Smartbuild® Solution proved to be simple and reliable method. The remote location was a challenge for the project, however, offering pre-rolled components with simple assembly procedure, the construction procedure was quick and sturdy complemented with aesthetics.

Also, the project was completed within 20 working days including the civil works during monsoon.

Highlighting features:

- Wall frames and trusses are made from high strength G550MPa Zinalume® alloy coated cold rolled steel which ensures its corrosion free performance for years.
- Light gauge steel frame members ensured quick and easy installation
- Colorbond® Steel used for roofing and wall cladding enhances the structural look and with long life as a complementary aspect.
- Entire system is having self-drilled screws with high durability and long life for structural as well as roof & wall sheeting.

Typical Smartbuild® Design Offering for prospective Buyers:

- Clear Span : Upto 15m
- Maximum Eave Height: : Upto 3.2m
- Length : as per requirement

Typical Applications:

- Roof top buildings
- Offices
- Residences