



Oak framing, or post-and-beam construction, is a traditional building method that uses heavy timbers, carefully squared, fitted and joined together with joints secured by wooden pegs. When the load-bearing timber frame is left visible on the exterior, the style is often referred to as half-timbered.



Historically, oak frames were exposed both inside and out, with wattle and daub filling the gaps between the timbers. However, as the materials dried, air gaps often formed. The amount of exposed oak on a building's exterior also served as a clear display of the owner's wealth.



built to be airtight. Today, frames are usually placed internally, with external cladding to protect the structure and provide insulation. Cladding options include brick, stone, weatherboard, render, or a combination of these. This can be achieved using traditional methods or modern systems such as SIPs (Structural Insulated Panels).

Modern oak-framed houses, by contrast, are



Oak frame buildings are designed in bays, typically ranging from 3 to 4.5 metres wide. By combining bays, almost any size or layout of home can be created. It is generally more cost-effective and straightforward to design the home around the oak frame rather than forcing the frame into a pre-determined layout.



In most cases, internal posts are still required. Far from being an inconvenience, these posts often enhance the character and charm of the finished building.



Quality oak framed buildings

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Ketford

89.2 m²

1 Bed

960 ft²



9.9m x 13m

Durnford

95 m²

2 Bed

1,023 ft²



15.4m x 8.48m

Edendale

79.2 m²

2 Bed

853 ft²



8m x 10.5m

Charnwood

82 m²

2 Bed

883 ft²



14.04m x 8.43m

Kewick

93.8 m²

2 Bed

1,010 ft²



17m x 7m

Corvedale

92.4 m²

3 Bed

995 ft²



13.92m x 8.24m

Buckland

107.4 m²

3 Bed

1,156 ft²



17.5m x 7.5m

Sambrook

86.3 m²

3 Bed

929 ft²



12.1m x 8.48m

Sandley

73.8 m²

3 Bed

794 ft²



7.8m x 8.48m

Sealey

125 m²

3 Bed

1,346 ft²



10.7m x 15.5m

Trinity

138.6 m²

3 Bed

1,492 ft²



15.69m x 14.04

Elliswood

112.8 m²

3 Bed

1,214 ft²



11.86m x 14.86

Ledbury

86 m²

3 Bed

926 ft²



18.9m x 10.8m

Richmond

112 m²

3 Bed

1,206 ft²



14.2m x 9.9m

Aldeby

125.7 m²

4 Bed

1,353 ft²



16m x 8.48m

Belvoir

143.2 m²

4 Bed

1,541 ft²



16.98m x 14.04

Driftwood

147 m²

4 Bed

1,582 ft²



13.1m x 16m

Foxton

99.8 m²

4 Bed

1,074 ft²



12m x 10.5m

Fulstow

110 m²

4 Bed

1,184 ft²



12m x 10.76m

Hicksbury

126.5 m²

4 Bed

1,362 ft²



16.1m x 11m

Holbury

142.9 m²

4 Bed

1,538 ft²



14.8m x 12.4m

Ridley

123 m²

4 Bed

1,324 ft²



15.9m x 9.78m

Tintagel

117.7 m²

4 Bed

1,267 ft²



20m x 9.1m

Collingbourne

233.8 m²

4 Bed

2,517 ft²



12.8m x 20m

Hawkshead

136 m²

4 Bed

1,464 ft²

14.04m x 11.99



Jayston

224.7 m²

5 Bed

2,419 ft²

21m x 14m



Pennant

177 m²

5 Bed

1,905 ft²

15m x 19m



Wychwood

192 m²

5 Bed

2,067 ft²

19.5m x 17m



Oakham

180.1 m²

5 Bed

1,939 ft²

17.2m x 14.2m



Challow

188.7 m²

6 Bed

2,031 ft²

20m x 21m



Oakley

293.5 m²

6 Bed

3,159 ft²

26.2m x 17.5m



Banbury

377.9 m²

6 Bed

4,068 ft²

26.35m x 24.75

