Built in Douglas-fir

Douglas-fir timber is naturally strong, stiff, stable and durable, which makes it ideal for structural framing. And because it naturally resists moisture and decay it can be used in much of your home without any treatment. With clever design you can build most of your home with untreated Douglas-fir.

UNTREATED DOUGLAS-FIR

Internal wall framing 1
Excluding those supporting decks/balconies.

Exterior walls 2
Single storey, brick veneer masonry over drained, vented cavity with eaves >450mm (low wind) or >600mm (high wind). Simple gable/hip roof over 10°.

Exterior walls 3
One-two storey, various cladding types* over drained, vented cavity with eaves >450mm (low wind) or >600mm (high wind). Simple gable/hip roof over 10°.

* Weatherboard/monolithic/stucco/EIFS/horizontal fixed sheets corrugated coloursteel, zincalume and/or iron

Mid floor framing 4

Roof Trusses 5
Pitch over 10°.

Simple Gable/hip roof 6
Pitch over 10°.

H1.2 BORON TREATED DOUGLAS-FIR

Bottom plates/wet areas 7

Cavity Battens 8

Flat Roofs 9
Pitch less than 10°.

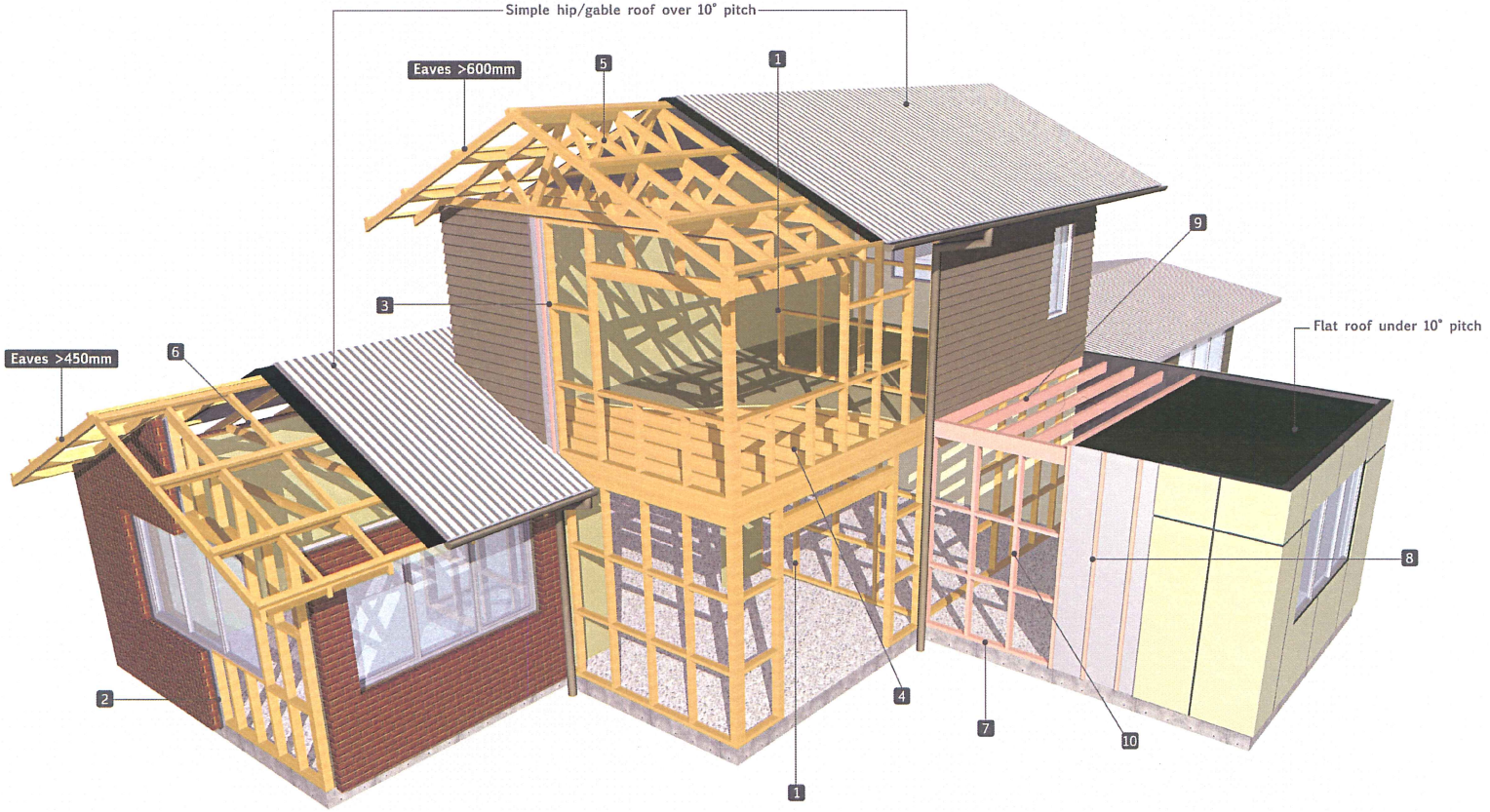
Exterior walls no eaves 10

BUILDING CODE COMPLIANCE

These Douglas-fir design solutions must be approved by a Building Consent Authority as either:

- Acceptable solution
- Alternative solution

under Clause B2 of the Building Code.



WAI FIR

AVAILABLE FROM ITM BUILDING CENTRE

LOCALLY GROWN, CHEMICAL FREE TIMBER
Proudly produced by Waimea Sawmillers Ltd