

Why Concrete Framing

There are TEN GOOD REASONS why CONCRETE is the preferred material for the vast majority of building frames

1 CONCRETE framing is the cheapest way to build –

This is confirmed by recent cost studies.

2 CONCRETE structures go up faster –

There are many recent examples of concrete frames for multi-storey buildings being erected at a rate of one typical floor every 4–6 days.

3 CONCRETE framing keeps storey heights to a minimum –

This reduces the cost of the facade and the services – both expensive items.

4 CONCRETE allows construction to start sooner –

There are no lengthy delays whilst structural members are fabricated.

5 CONCRETE framing is readily adaptable to late changes –

There is no waiting time for fabrication of replacement members.



Typical Concrete Building Frame – economical, fast to construct and minimum storey heights.

The Australian concrete and building construction industries are among the most sophisticated in the world.



Concrete can be moulded to complex shapes, is fire-resistant and has high thermal mass.

6 CONCRETE framing is resistant to fire –

It eliminates the need for expensively-applied protection.

7 CONCRETE can be easily moulded –

It can produce complex shapes and set-backs and can be self-finished in many ways.

8 CONCRETE'S greater mass improves thermal behaviour –

This reduces the building's running costs whilst ensuring better sound insulation and better damping of external wind loads.

9 CONCRETE reduces capital and financing costs –

Cheaper and faster construction means lower holding charges and an earlier yield on investment.

10 AUSTRALIAN concrete industry –

Australia has one of the most sophisticated concrete industries in the world, and a building construction industry highly skilled in, and well-equipped to handle, concrete construction.

YOU MINIMISE THE 'LEARNING CURVE' WHEN YOU SPECIFY CONCRETE



STEEL
REINFORCEMENT
INSTITUTE
OF AUSTRALIA