

UPPER FLOOR

Concrete is the ideal construction medium for upper flooring. Its density and strength ensures your floors won't creak or vibrate and helps minimise the transmission of noise between floors. Thermal mass helps keep your home comfortable all year round.

BENEFITS



QUIET

Excellent resistance to sound transmission



THERMALLY EFFICIENT

The mass of concrete helps maintain an even internal temperature potentially reducing energy costs



EXCELLENT FIRE RESISTANCE

Concrete simply doesn't burn



CREAK-FREE

Quiet flooring



DESIGN FLEXIBILITY

Allows you to create large, open, free-spanning living areas below, and an attractive, low maintenance polished floor above



DISASTER RESISTANCE

Provides a safe environment during fire or storms

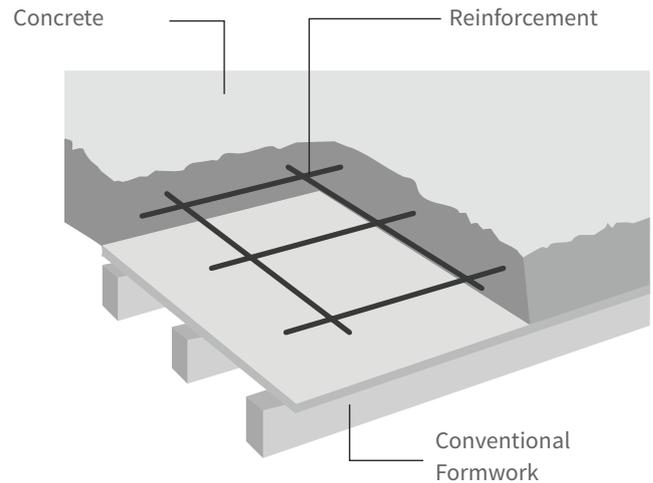


IN SITU CONCRETE FLOORS

In situ concrete floors are poured on site into temporary or permanent formwork, supported by walls or beams. They allow for great design flexibility. The internal walls can be positioned anywhere on the floor, irrespective of the room layout below.

KEY BENEFITS:

- Can span one way or two ways
- Allows for design versatility with floor layouts
- More options for architectural finishes including off-form soffit

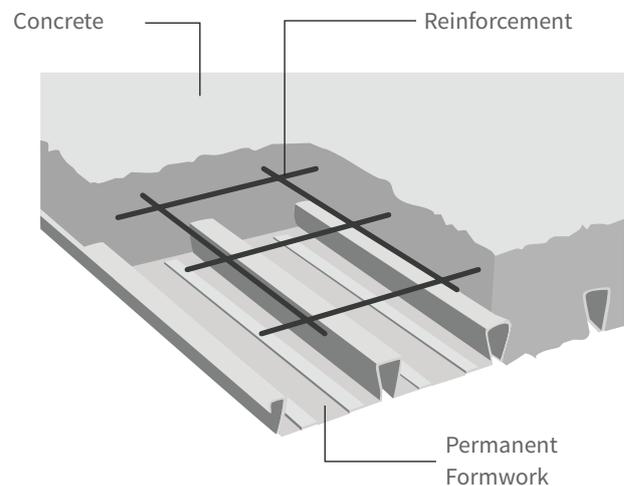


COMPOSITE CONCRETE AND STEEL

Composite concrete floors are an increasingly common in situ option. The concrete is poured onto proprietary steel decking, supported by walls or beams, which acts as formwork and partial reinforcement for the floor slab.

KEY BENEFITS:

- Quick to install
- Steel decking provides an intermediate, safe working area during construction
- The decking profile creates a space for the installation of services such as electrical wiring and plumbing



PRECAST FLOOR SYSTEMS

Precast floor panels are generally factory cast and lifted into position on site. Supported by beams and walls, they are quick and easy to install. A concrete topping may be required for further reinforcement and to ensure a level finish.

KEY BENEFITS:

- Less formwork required
- Faster construction time
- Lower labour costs
- Reduces site storage requirements and waste

