



BUILDING NEW HOMES FOR THE FUTURE WITH AMBIONSE BUILDING BLOCKS

WHAT IS AMBIONSE

Two 50mm thick sides of the block are made from moulded EPS (Polystyrene) and in the manufacturing process plastic preformed bridge supports, are embedded within the walls, ready for the installation of the bridges which space apart the Ambionse Block sides, ready for the concrete infill. In constructing multiple layers of a wall system, Ambionse Blocks lock together, and reinforcing steel is placed horizontally resting on the bridges and vertical reinforcing is placed at intervals, all designed by a building engineer. Once the wall height is reached around the perimeter of the house with wall bracing in place and provisions for electrical conduit and services ducting, then the concrete pour starts, resulting in a strong, solid, simple wall construction for housing. Pre-made corners are also available as an option for the construction process.

APPLICATIONS

- Residential Housing
- Retaining Walls
- Swimming Pool Walls
- Foundation Footings
- Intertenancy Walls for Multi Dwellings
- Commercial Buildings
- Motel Units





STRONG | SOLID | SIMPLE | AMBIONSE

KEY FEATURES

- A strong solid wall
- Energy efficient
- Acoustically quiet
- No timber, no rot
- Air tight seal
- Fire resistant rating up to 4 hrs
- Healthy living environment
- Competitive with other building forms
- Fast Installation and built by any trade

TECHNICAL DETAILS

- Block size 1200mm long x 300mm high
- Ambionse straight blocks packed in bags of 16 sides (8 full blocks)
- Thermal value installed R3.0
- Varying thickness of blocks are 190mm, 250mm, 300mm wide
- Acoustic performance STC53
- Concrete pour pump mix 10mm, 20mpa recommended with slump 120-150mm
- Reinforcing steel as recommended by an engineer
- Specialist plaster exterior coatings applied direct to the Ambionse surface
- Interior linings can be fixed direct to the Ambionse surface

BENEFITS FOR THE HOMEOWNER

- A healthy living environment with dryer warmer /cooler interiors
- High insulation value R3.0, long term energy saving.
- Quieter outside noise due to solid wall construction
- Competitive construction costs to other building techniques
- Manufacturers support during the construction process
- Ambionse builders available in selected areas

For your nearest Ambionse supplier contact **0800 262 466**

