



EsiBloc™

MORTARLESS MASONRY



FASTER + SIMPLER + MORE COST-EFFECTIVE

Firth EsiBloc™ Mortarless Masonry is the intelligent new choice in masonry as an alternative to tilt slab construction. This innovative building solution delivers all the advantages of traditional masonry construction – yet it's also easier, quicker, and more cost-effective.

Consider EsiBloc™ Mortarless Masonry for your next project, and you'll see it all adds up to a competitive advantage.

Six good reasons to choose EsiBloc™ Mortarless Masonry over tilt slab

Mortarless masonry is widely used in Europe and North America. Firth EsiBloc™ has been developed in New Zealand, specifically for the local building industry, and is suitable for all commercial and industrial applications.

Just some of the benefits include:

- **Clever cost savings**

EsiBloc™ allows you to save costs without comprising on quality. With no fiddly plastic bridges, lower total costs, quicker construction and no wet weather hold-ups... the cost-savings are literally built in.

- **Speed and efficiency**

Once the first course of EsiBloc™ has been mortared, the rest of the wall can be dry-stacked, reinforced, propped and grouted with Esi-Bloc Fill™ – all in one day. And there is no waiting for tilt slab craneage.

- **No weather delays**

You can keep on laying EsiBloc™ even when it rains. It's an all-weather building solution that offers faster completion and fewer penalties due to hold-ups.

- **Brilliantly simple design**

You can construct virtually any type of wall using the seven standard blocks in the EsiBloc™ range. That's why EsiBloc™ projects are consistently easy to plan, easy to price, and easy to build.

- **Built to exacting standards**

EsiBloc™ is precisely calibrated in the factory to ensure a consistent height. Although the need for adjustments is minimal, Firth provides simple wedges to adjust the height where required.

- **With all the benefits of masonry**

EsiBloc™ combines the advantages of mortarless construction with all the benefits of conventional masonry – aesthetics, low maintenance, strength and durability, thermal efficiency, noise reduction, and fire and earthquake resistance.

For further information, a copy of the Firth EsiBloc™ Mortarless Masonry technical brochure or assistance on engineering design, call Firth on 0800 800 576. www.firth.co.nz

SUSTAINABILITY: THE FIRTH CONCRETE & CONCRETE MASONRY SUSTAINABILITY LIFECYCLE

- Environmentally compliant manufacturing plants
- Surplus water and some aggregates recycled
- Low transport impacts
- Leftover concrete returned from construction sites
- Passive solar heated thermal mass makes completed buildings more energy-efficient

- Most wash water returned from construction sites
- Highly durable, low maintenance buildings and no rot
- High degree of noise control
- Inherent fire resistance
- Overall longer effective building life
- Demolished concrete can be recycled as hard fill or aggregate

For more on Firth's contribution to building a sustainable tomorrow today, visit www.firth.co.nz or call us on 0800 800 576 for our free brochure.

