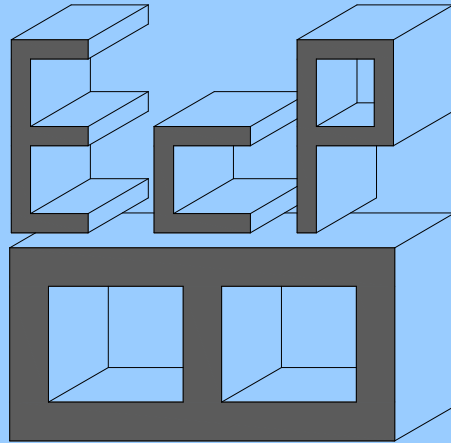


# **ENGINEERED CONSTRUCTION PRODUCTS**



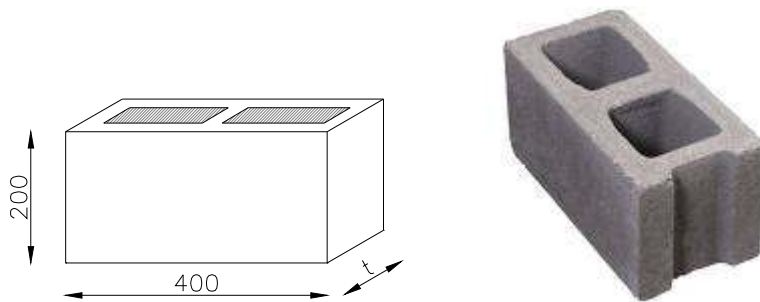
## **TECHNICAL INFORMATION**

### **AGGREGATE BLOCKS**

## AGGREGATE BLOCKS

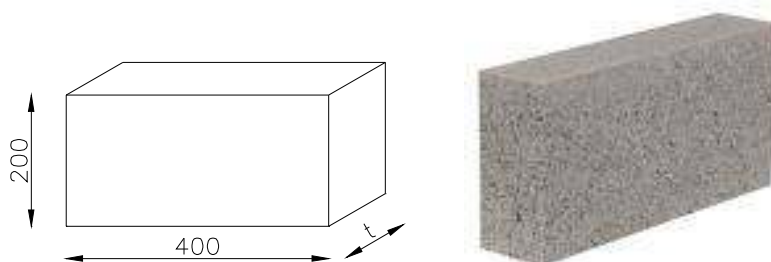
Our blocks are produced in two main forms and in a choice of sizes, strengths and finishes to comply with the general requirement of the end user. They are generally dense aggregate blocks manufactured from a blend of aggregates and Portland cement. Our blocks are suitable for general building work, offering excellent all round performance and normally available in 400 x 200mm face size. In addition to their load-bearing capabilities, they provide an excellent background for plastering and rendering as well as for fixings. Our aggregate blocks come in two forms; solid and hollow blocks. Our range of blocks have a coarse texture for accepting plaster and are not intended to be left fair or painted.

### Hollow blocks



Our hollow blocks come in a choice of sizes. The standard work face for our hollow blocks is 400mmx200mm. The hollow blocks come in thickness of 100mm, 140mm and 200mm. These blocks can be used in any part of the project above or below the ground.

### Solid blocks



The work face of our solid blocks is 400mmx200mm. The thickness (t) is 75mm, 100mm or 140mm. These blocks are particularly beneficial for internal partition walls such as in closets, wardrobes, toilets, kitchens, etc to demarcate one area from another. The blocks may be used in fencing walls.

## Product Photos



## BLOCKS TECHNICAL INFORMATION

Our block range is generally dense aggregate blocks manufactured from a blend of aggregates and Portland cement. The performance criteria make them especially applicable in load bearing walls and where long term durability under severe exposure conditions is required.

### Texture and Colour

The blocks are coarse textured suitable for accepting plaster and are generally intended to accept a secondary finish. The colour occurs in variable shades of grey which are consistent with the Portland cement and the naturally occurring materials.

### Technical Performance

Product Reference	Work Face (mm)	Thickness (mm)	Form	Dry Weight (kg)	Compressive Strength (N/mm <sup>2</sup> )*
ECP HB100	400 x 200	100	Hollow		3.5
ECP HB140	400 x 200	140	Hollow		3.5
ECP HB200	400 x 200	200	Hollow		3.5
ECP SB75	400 x 200	75	Solid		3.5
ECP SB100	400 x 200	100	Solid		3.5
ECP SB140	400 x 200	140	solid		3.5

\* Higher Compressive strength blocks are manufactured on client's request

### Density

Density range of block 900 – 1100 kg/m<sup>3</sup>

### **Applications and Benefits**

- Suitable for use under dpc with hollow filled with lean concrete.
- Used as interior load bearing walls
- Used as separating and partition walls
- Used generally as an all-purpose utility block
- Extremely robust and durable
- Possess sound insulation properties