



Iolite Cube Inframaterial Ltd. - offers excellent advantages beyond traditional construction. Cost savings begin on the drawing board and continue at the job site for client delight. We are manufacturers and suppliers of Solid Concrete Blocks. We compete in market with latest and modern technology plant and quality standards. Our huge manufacturing facility qualifies us to cover bulk orders in stipulated time with quality standards.

Solid Concrete Blocks (SLC) can be used with confidence in a wide variety of internal and external applications. Our quality assured manufacture ensures that Solid Concrete Blocks units are of a consistent and superior quality to meet the requirements of all relevant standards.

### Features and benefits

- Provides a clean, crisp appearance
- Manufactured to a high strength to reduce excessive damage to arises
- Have versatility to be used in a wide variety of internal and external applications
- Typically used in cavity or solid wall constructions, they are also ideal for use in internal load bearing walls and Beam and Block Floor systems
- Have excellent sound insulation and air permeability properties
- Provide an excellent key for secondary finishes and fixings
- Inherent thermal mass acts as a heat store
- Superior compression strength.
- Environment -friendly
- High value with high quality and low price

Strength, durability and style are the special characteristics of solid concrete block works. As a core of building material it has stood the test of time and is now meeting the needs of modern designers as more attention is given to textures, quality and protection from fire and sound.

### Sizes weight per block

Sizes (MM)	No. of blocks per m3
400x200x200	62
400x200x150	83
400x200x100	125



### Technical specs

Sizes (MM)	Density (kg/cum)	Compressive strength (kg/cm2)
400x200x200	1200-1400	>80
400x200x150	1200-1400	>80
400x200x100	1200-1400	>80

### Comparison Solid concrete Blocks v/s Conventional Bricks

NO	PARAMETER	SOLID CONCRETE BLOCK	CONVENTIONAL BRICKS
1	Size (LXHXB)	400X200X100/150/200MM	230X115X75MM
2	Density (kg/M3)	1200-1400 KG/M3	1950 KG/M3
3	Compressive strength (kg/cm2)	>80 kg/cm2	25-30 kg/cm2
4	Mortar Cosumption per cum 1:6	0.75 bag of cement	1.35 bag of cement
5	Contribution to carpet area	3-5%	No Saving
6	labor productivity	High labor productivity	not much productivity
7	Reduction in plastering cost	30% reduction	lower in comparision

### Application:

- As the load bearing wall
- Perfectly fitted for compound walls
- Plinth level
- Ideal use in internal load bearing walls and Beam and Block Floor systems
- Allows use above and below the ground, where strength and durability are prime considerations

