



## Technical Data Sheet

### 4" Concrete Masonry Units (CMU)

#### Identification

**Trade Name:** 4 Inch Block      **Synonyms:** 4 Inch Construction Block, Bloques de 4"

#### Uses

The concrete block is a very common building material for house constructions, concrete foundation wall and slabs with a concrete block wall perimeter.

#### Composition

Made from cast concrete Portland cement and aggregates, usually sand and fine gravel for high-density blocks, with additives or without additives.

#### Dimension

Concrete blocks may be produced with hollow centers to reduce weight or improve insulation, 4in by 8in by 16in actual size is usually about  $\frac{3}{8}$ in (9.5 mm) smaller to allow for mortar joints. Block cores are typically tapered so that the top surface of the block has a greater surface on which to spread a mortar bed. The units might show two, three or four core opening, although three cores are the most common configuration.

#### Compliance

The concrete masonry unit testing laboratory performing is evaluated in accordance with practice ASTM C 140.

Sample No.	Weight [Lbs]	Measurements [in]						Compressive Strength [Lbs]	
		Length		Height		Width		Lbs	Psi
		@ Face 1	@ Face 2	@ Face 1	@ Face 2	@ Top	@ Bottom		
1	24.62	15.625	15.625	5.625	5.625	3.625	3.625	72,500	<b>1,635</b>
2	24.36	15.625	15.625	5.625	5.625	3.625	3.625	71,430	<b>1,611</b>
3	24.38	15.625	15.625	5.625	5.625	3.625	3.625	70,020	<b>1,579</b>

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