




## Technical Data Sheet- Hollow Blocks NLB

Shape	Hollow 12 cm	Hollow 20 cm	Hollow 25cm
Bottom Type	Closed	Open	Closed
Length (cm)	40	40	40
Width (cm)	12	20	25
Height (cm)	20	20	20
Web thickness	3.5	3.5	4
Density (kg/m3)	Normal Weight Concrete > 2000		
Average weight (kg)	17.5	19	25
Blocks/Mt2	104	63	50
Compressive Strength	Average 4.14 MPA after 28 days		
Standard Specifications	( ES 1292-2/2005 & ASTM C-129)		
			

Color Variety:



## Technical Data Sheet- Hollow Blocks LB

Shape	Hollow 12 cm	Hollow 20 cm	Hollow 25cm
Bottom Type	Closed	Closed	Open
Length (cm)	40	40	40
Width (cm)	12	20	25
Height (cm)	20	20	20
Web thickness	3.5	3.5	4
Density (kg/m3)	Normal Weight Concrete > 2000		
Weight (kg)	17.5	19	27
Blocks/Mt2	104	63	50
Compressive Strength	Average 13.1 MPA after 28 days		
	(ES 1292-1/2005 & ASTM C-90)		
			

Color Variety:



**Raw Materials Used:**

- Portland Cement type: Ordinary Portland Cement (type-1) According to standard specification ES 373-1993
- Clean sand: According to (ASTM C-33 & BS 812-part 118)
- Aggregates: According to (ASTM C-33 & BS 812-part 105)
- Additives: Upon request to improve compressive strength

**Manufacturing Method:**

The raw materials are mixed mechanically then casted and pressed hydraulically with using of mechanical vibrators to get the best pressing and highest strength.