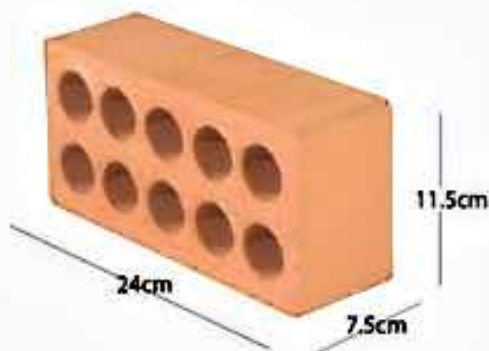


## Type: A, (load bearing perforated brick)

### Properties of bricks:-

- 1- Easy high filler and light weight.
- 2- Good thermal insulation.
- 3- Moisture balance mediator.
- 4- Resistant to fire.
- 5- Robust and resistant.
- 6- Sound insulation.
- 7- Environmental friendly.
- 8- Resistant to Earthquake.



Type	Avg. Dimensions (mm)	Avg. Weight (Kg)	Avg. water absorption	Avg. compressive strength ( Mpa)	Efflorescence	Avg. bulk Density (kg/m <sup>3</sup> )	Avg. void volume (%)	Thermal conductivity k-value
A	241*114.4*75.1	2.399	15.1	19.5	slight	1.8489	34.4	0.8389

Class of the brick	Compressive strength N/ mm <sup>2</sup>		Water absorption %		Efflorescence
	Minimum value for one Brick.	Minimum average value of bricks	For Individual brick	For average bricks	
A	16	18	22	20	Slight
B	13	11	26	24	Moderate
C	9	7	28	26	High

### ● Iraqi standard No 25/1988

- A- Intended for use in building construction and footing subjected to loads and exposed to sever abrasion by weathering action.
- B- Intended for use in building construction subjected to loads and not exposed to sever abrasion by weathering action, such as exterior walls not exposed to penetration of water.
- C- Intended for use in building construction not subjected to loading such as interior masonry walls and partitions, not exposed to sever abrasion by weathering action.