

What is amvic ?

They are expandable polystyrene blocks of high resistance with thermal-acoustic properties that form an impenetrable barrier against the external noise and weather.

The thermal acoustic insulation of its two panels of polystyrene and the strenght of its concrete nucleus allow getting optimal levels of protection and comfort indoors.

Why to build with amvic ?

You can build faster than with conventional materials thanks to the lightness and easy operations of its pieces that are delivered pre-assembled and ready for its installation.

It decreases cost because it doesn't require specialized labor for its installations.

Largely **reduces the necessity** of fitting out assemblage.

It facilitates the placement of electric and hydraulic installations.

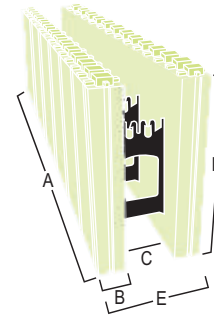
Why to live in a house built with amvic ?

The thermal insulation provides by the **amvic walls allows you to obtain savings up to 80% of the electric energy** consumed in air conditioning and heating.

The thermal-acoustic protection an the strenght of its concrete nucleus form and impenetrable barrier againts external noises, humidity and weather wich **provides more privacy and comfort inside**.

The amvic walls are much more solid and resistant than the conventional walls made of brick, block or other material.

Measurements



R

Thermal resistance of the polystyrene sheets / piece

English System
21,0 °F ft²h/BTU

International System
3,8 m² K/W

A
1,22 cm / 48"

B
6,4 cm / 2,5"

C
10 cm / 4"
15 cm / 6"

D
41 cm / 16"

E
23 cm / 9"

Density Kg/cm³
24L

THICKNESS OF THE WALL	BLOCK DIMENSION	CONCRETE VOLUME PER BLOCK	CONCRETE VOLUME PER m ² OF WALL
10,16 cm (4")	1,22cm x 41cm x 23cm (48" x 16" x 9")	0,0503 m ³	0,1016 m ³
15,24 cm (6")	1,22cm x 41cm x 23cm (48" x 16" x 9")	0,0503 m ³	0,1524 m ³
10,16 cm (4")	(93cm + 32cm) x 41cm x 23cm [(36,5" + 12,5") x 16" x 9"]	0,0395 m ³	0,1016 m ³
15,24 cm (6")	(67cm x 37cm) x 41cm x 28cm [(26,5" x 14,5") x 16" x 11"]	0,0450 m ³	0,1524 m ³
10,16 cm (4")	(84cm + 23cm) x 41cm x 23cm [(33" + 9") x 16" x 9"]	0,0423 m ³	0,1016 m ³
15,24 cm (6")	(56cm x 26cm) x 41cm x 28cm [(22" x 10") x 16" x 11"]	0,0430 m ³	0,1524 m ³

Block 90° corner
(left and right)



Straight Block



Block 45° corner
(left and right)



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Technical advice
Type or services:

- a).- Structural plans
- b).- Sketch
- c).- Fast specifications of quantification of materials.
- d).- Memories of calculus.
- e).- Telephone customer service

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