eco CASETÓN Alfa-Gamma MR

Advantages and benefits of its use

Up to 10 to 30% savings in labor and formworks in comparision with the traditional building system used (solid slab, lighted slab with clay block, block, brick, etc.)

The thermal insulation is indispensable in extreme temperature zone due to its low thermal conductivity, providing comfort and electric energy saving in indoors refrigeration and heating.

The acoustic insulation diminishes external noise, offering more privacy and comfort in your home or office (absorbing up to 25 to 30 decibels depending on its placement.)

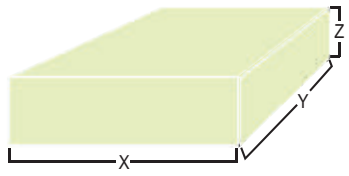
The versatility and resistance of its pieces allow them to adapt to any design calculus, minimazing the waste of materials.

Easy operation and fast installation

-The lightness and easy operation of its pieces permits to work with cleaness because they can be held and stored easily.

-Labor and formwork cost are reduced considerably in comparison with slabs traditional systems.

Most common measures



Units in cm

X	Y	Z
50	X 60 X	7
50	X 60 X	10
50	X 60 X	12
50	X 60 X	15
50	X 60 X	20
50	X 60 X	25
50	X 50 X	10
50	X 50 X	15
50	X 50 X	20
40	X 40 X	7
40	X 40 X	10
40	X 40 X	15
40	X 40 X	20
40	X 40 X	25

General technical specifications

Dimensions	Variable
Density	de 8 hasta 18 Kg/m^3
Thermal conductivity coefficient K to 10°c	0.025 Kcal-m/hr m^2 °c
Compression resistance	1.2 Kg/cm^2
Flexion resistance	2.5 Kg/cm^2
Resistance to the cut	7 Kg/m^2
Tension resistance	3 Kg/cm^2
Water absortion after being submerged for 8 days	Max 0.7%

Flat roof slabs

Minor clearing (mts)	Caseton thickness (cm)	Compression layer (cm)	Piece of Caseton 50x60 per m^2	m^3 concrete per m^2 of surface	Kg of steel per m^2 of surface	Kg of wire rod per m^2 of surface
3.00 or less	7	5	2.00	0.078	5.0-5.5	0.75
3.05 a 4.00	10	5	2.00	0.090	5.5-6.0	0.8-1.0
4.05 a 5.00	12	5	2.00	0.098	6.0-6.5	1.0-1.1
5.05 a 6.00	15	5	2.00	0.110	6.5-7.5	1.1-1.2
6.05 a 7.00	20	5	2.00	0.130	7.5-8.5	1.2-1.3
7.05 a 8.00	25	5	2.00	0.150	8.5-10.0	1.3-1.5

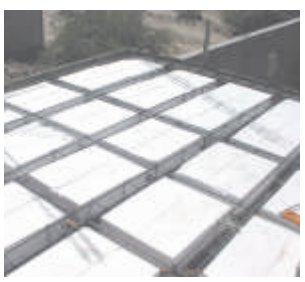
Suspended slabs

Minor claring (mts)	Caseton thickness (cm)	Compression Layer (cm)	Piece of caseton 50x60 per m^2	m^3 of concrete per m^2 of surface	Kg of steel per m^2 of surface	Kg of wide rod per m^2 of surface
250 or less	7	5	2.00	0.078	5.0-5.5	0.75
2.55 a 3.50	10	5	2.00	0.090	5.5-6.0	0.8-1.0
3.55 a 4.50	12	5	2.00	0.098	6.0-6.5	1.0-1.1
4.55 a 5.50	15	5	2.00	0.110	6.5-7.5	1.1-1.2
5.55 a 6.50	20	5	2.00	0.130	7.5-8.5	1.2-1.3
6.55 a 7.50	25	5	2.00	0.150	8.5-10.0	1.3-1.5

Recommendations for the good use an placement of the caseton:

1).- To avoid the movement of the pieces during the concrete pouring it is necessary to hold them with little pieces of annealed steel wire.
2).- The pass footprint should be in the center of the piece to avoid the distortion of the corners.
3).-It is convenient to let pass 7 days after pulling away






Poliestireno Alfa-Gamma MR

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

PLANTS

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