

WOOD

1.0 Wood lumber



A1 - ANNEX 1

1 MATERIALS

	PRICE (per unit)	DIMENSION	TYPE	FINISHING	USES
1.1	9.90 soles (3\$)	2"x2"x8"	radiated pine	natural color	- partitions - light structures
1.2	18.20 soles (5.60\$)	1"x6"x10.5'	radiated pine	natural color	- partitions - light structures - cladding - furniture - beams - structures
1.3	57.90 soles (17.7\$)	2"x8"x10.5'	American pine	natural color	- partitions - light structures - cladding - furniture - beams - structures
1.4	44.90 (13.7\$)	2"x6" x 10.5'	radiated pine	natural color	- partitions - light structures
1.5	52.50 soles (16.1\$)	2"x4" x 16'	radiated pine	natural color	- partitions - light structures - cladding - furniture - beams - structures
1.6	42.90 soles (13.1\$)	2"x4" x 14'	American pine	natural color	- partitions - light structures - cladding - furniture - beams - structures
1.7	38.10 soles (11.70\$)	1/2"x8" x 10.5'	radiated pine	natural color	- partitions - light structures
1.8	36.90 soles (11.30\$)	1"x 6" x 14'	American pine	natural color	- partitions - light structures - cladding - furniture - beams - structures
1.9	31.70 soles (11.30\$)	1"x 10" x 10.5'	radiated pine	natural color	- cladding - mobili
1.91	27.90 soles (8.55\$)	1" x 8" x 10.5'	radiated pine	natural color	- cladding - mobili
1.92	25.90 soles (7.9\$)	2" x 4" x 10.5'	radiated pine	natural color	- furniture
1.93	16.54 soles (5\$)	2" x 3" x 10.5'	radiated pine	natural color	- partizioni - strutture - tetti - supporto

	PRICE (per unit)	DIMENSION	TYPE	FINISHING	USES
1.94	14.20 soles (4.35\$)	1" x 4" x 10.5'	radiated pine	natural color	- furniture - cladding
1.95	13.90 soles (4.2\$)	2" x 3" x 8'	radiated pine	natural color	- partitions - light structures - cladding - furniture - beams - structures
1.96	11.06 soles (3.4\$)	2" x 2" x 10.5'	American pine	natural color	- partitions - light structures - cladding - furniture - beams - structures
1.97	10.20 soles (3.10\$)	1/2" x 2" x 10.5'	radiated pine	natural color	- partitions - light structures
1.98	9.90 soles (3\$)	2" x 2" x 8'	radiated pine	natural color	- partitions - light structures
1.99	9.40 soles (2.8\$)	1" X 3" x 10.5'	radiated pine	natural color	- cladding
1.991	14.20 soles (4.35\$)	1" x 4" x 10.5'	radiated pine	natural color	- partitions - light structures - divisions - roof
1.992	13.90 soles (4.2\$)	2" x 3" x 8'	radiated pine	natural color	- cladding
1.993	11.06 soles (3.4\$)	2" x 2" x 10.5'	radiated pine	natural color	- partitions - light structures - divisions - roof
1.994	3.9 soles (1.2\$)	1" x 1" x 6'	radiated pine	natural color	- partitions - light structures - divisions - roof

WOOD

2.0 OSB plank



	PRICE (per unit)	DIMENSION	TYPE	FINISHING	USES
2.1	74.20 soles (22.7\$)	1.22x2.44 thickness 18mm	structural wood panel	natural color	- roof - wall - floor

BAMBU'

3.0 Poles Bamboo Guayaquil



	PRICE (per unit)	DIMENSION	TYPE	FINISHING	USES
3.1	42 soles (13\$)	5 - 10 cm diameter x 6m	premium quality	natural color	- columns - beams - joists - trusses
3.2	25 soles (7.6\$)	7.5 - 10 cm diameter x 6m	basic quality	natural color	- fences - boundaries

FIBROCEMENT

4.0 Fibre Cement slabs

The orientation of the plates must be opposite to the wind direction.

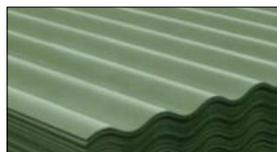
4.1



4.2



4.3



	PRICE (per unit)	DIMENSION	TYPE	FINISHING	USES
4.1	40.50 soles (12.5\$)	1.10m x 3.10m x 4mm	Fibre Cement	gray color	- roofing of houses - warehouses - Industrial plants
4.2	41.50 soles (12.7\$)	1.10m x 3.10m x 4mm	Fibre Cement	red color	- roofing of houses - warehouses - Industrial plants
4.3	46.60 soles (14.3\$)	1.10m x 3.10m x 4mm	Fibre Cement	green color	- roofing of houses - warehouses - Industrial plants

FIBROCEMENT

5.0 Fibre Cement slabs

They must be installed on wooden structures or galvanized steel profiles with vertical uprights separated at a maximum distance of 0.61 m between axes.

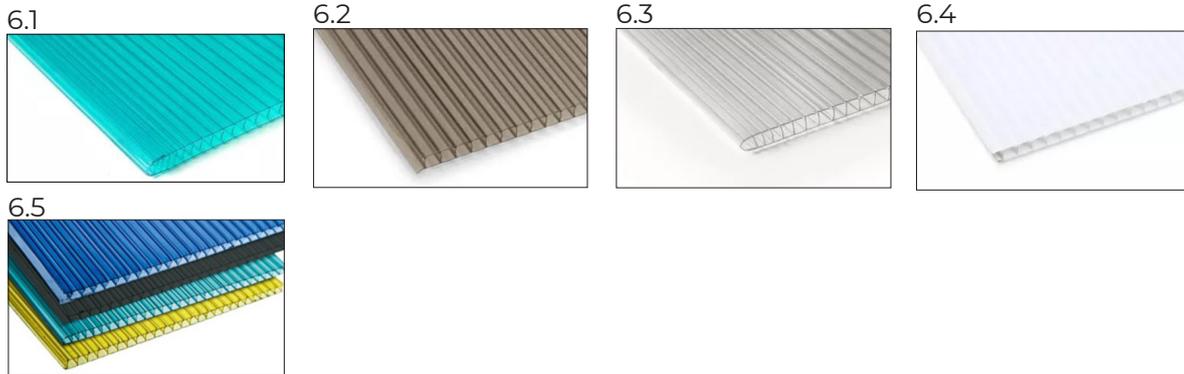


	PRICE (per unit)	DIMENSION	TYPE	FINISHING	USES
5.1	33.05 soles (10\$)	1.22m x 2.44m thickness 6mm	Fibre Cement	gray polished	- secondary walls - ceilings
5.2	44.92 soles (13.7\$)	1.22m x 2.44m thickness 8mm	Fibre Cement	gray polished	- low-height exterior walls - interior walls - areas subject to shocks and humidity
5.3	61.20 soles (18.7\$)	1.22m x 2.44m thickness 10mm	Fibre Cement	gray polished	- exterior walls
5.4	75.37 soles (23\$)	1.22m x 2.44m thickness 12mm	Fibre Cement	gray polished	- exterior walls - roofing base
5.5	40.87 soles (12.5\$)	1.22m x 2.44m thickness 6mm	Fibre Cement	gray polished	- ceilings
5.6	53.85 soles (16.5\$)	1.22m x 2.44m thickness 8mm	Fibre Cement	gray polished	- eaves - interior walls - areas subject to shocks and humidity
5.7	69.75 soles (21.3\$)	1.22m x 2.44m thickness 10mm	Fibre Cement	gray polished	- facades - external walls
5.8	87 soles (26.2\$)	1.22m x 2.44m thickness 12mm	Fibre Cement	gray polished	- facades - external walls - roofing base

POLYCARBONATE

6.0 Polycarbonate alveolar sheet

Excellent light transmission, flexibility, lightness, transparency and resistance to high temperatures, high resistance to impacts.



	PRICE (per unit)	DIMENSION	TYPE	FINISHING	USES
6.1	167.37soles (51.5\$)	1.05m x 2.90m x 6mm	Alveolar sheet	turquoise	- roofs - walls - structures
6.2	138.50 soles (42.6\$)	1.05m x 2.90m x 6mm	Alveolar sheet	bronze	- roofs - walls - structures
6.3	121.17 soles (37.3\$)	1.05m x 2.90m x 6mm	Alveolar sheet	transparent	- roofs - walls
6.4	103.85 soles (32\$)	1.05m x 2.90m x 6mm	Alveolar sheet	white	- roofs - walls
6.5	159.90 soles (49.2\$)	1.05m x 2.95m x 6mm	Alveolar sheet	different colors	- roofs - walls - partitions

POLYCARBONATE

7.0 Corrugated sheets Polycarbonate

It has protection against Uv rays. Resists wind and snow load.



	PRICE (per unit)	DIMENSION	TYPE	FINISHING	USES
7.1	69.90 soles (21.5\$)	0.81m x 3.05m x 0.6mm	corrugated sheets	white color	- greenhouses - pergolas

METAL SHEET

8.0 Sheet metal plate

The orientation of the plates must be opposite to the wind direction.

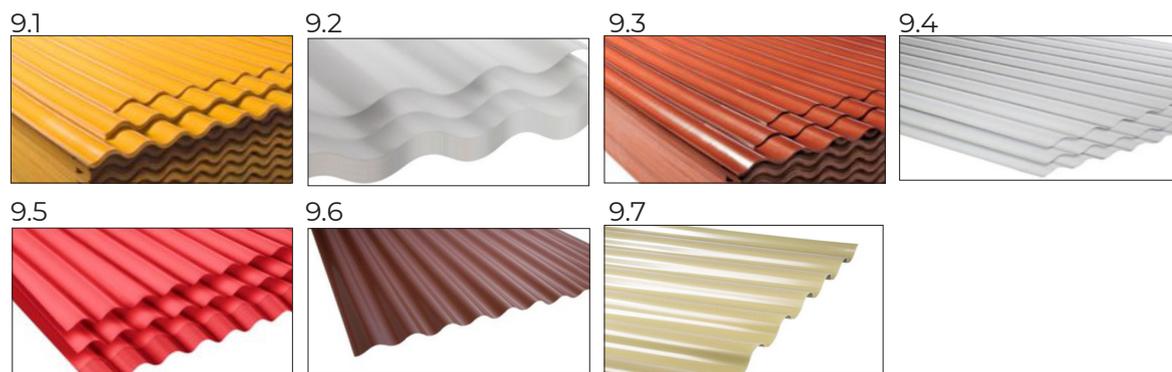
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	PRICE (per unit)	DIMENSION	TYPE	FINISHING	USES
8.1	22.9 soles (7\$)	0.80 x 3.60 m x 20mm	corrugated metal sheet	galvanized steel	- roofing of houses - warehouses - Industrial plants

POLYPROPYLENE

9.0 Polypropylene roof



	PRICE (per unit)	DIMENSION	TYPE	FINISHING	USES
9.1	70.90 soles (21.8\$)	1.10m x 3.05m x 1mm	corrugated polypropylene roof	translucent amber	- roofing of houses - warehouses - Industrial plants
9.2	55.90 soles (17.20\$)	1.10m x 3.05m x 1mm	corrugated polypropylene roof	translucent white	- roofing of houses - warehouses - Industrial plants
9.3	25.90soles (8\$)	1.10m x 3.05m x 1.1mm	corrugated polypropylene roof	red color	- roofing of houses - terraces - schools
9.4	30.90 soles (9.5\$)	0.83 x 1.83 m x 1mm	corrugated polypropylene roof	transparent	- roofing of houses - warehouses - Industrial plants
9.5	27.90 soles (8.6\$)	1.10m x 3m x 1.2mm	corrugated polypropylene roof	red color	- roofing of houses - warehouses - Industrial plants
9.6	14.90 soles (4.6\$)	1.10m x 3.05m x 0.9mm	corrugated polypropylene roof	dark red color	- roofing of houses - warehouses - Industrial plants
9.7	49.90 soles (15.3\$)	1.10m x 3.10m x 1mm	corrugated polypropylene roof	white color	- roofing of houses - warehouses - Industrial plants

WATER TANK

91.0 Water Tank 350L

91.1



	PRICE (per unit)	DIMENSION	TYPE	FINISHING	USES
91.1	190 soles (58\$)	68.5cm x 98cm	water tank	polyethylene, UV resistance	water collection

METALLIC PROFILES FOR DRYWALL

92.0 Steel rail

Metallic profiles are the structural components of a drywall construction.

92.1



	PRICE (per unit)	DIMENSION	TYPE	FINISHING	USES
92.1	6,20 soles (1,90\$)	90 x 25 mm x 3 m	Steel rail Drywall	silver colour	- partitions - walls - roof - ceiling - mezzanines - facades

METALLIC PROFILES FOR DRYWALL

93.0 Metal stud

Metallic profiles are the structural components of a drywall construction.

93.1

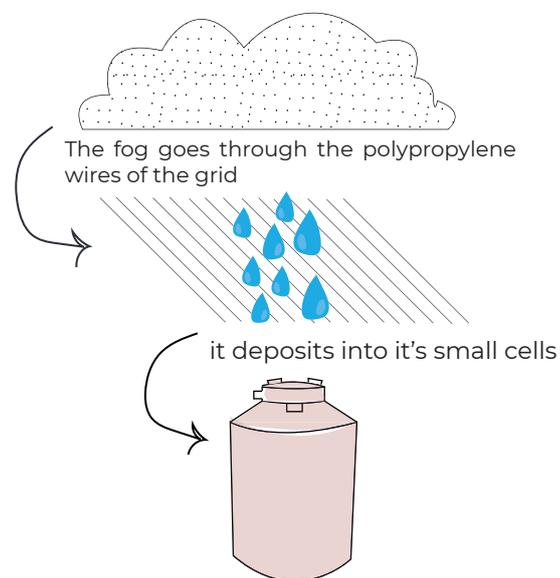


	PRICE (per unit)	DIMENSION	TYPE	FINISHING	USES
93.1	8,04 soles (2,46\$)	89 x 38 mm x 3 m	Metal stud Drywall	silver colour	- partitions - walls - roof - ceiling - mezzanines - facades

Fog collection is feasible thanks to the natural process of atmospheric water vapour condensation: when moisture encounters a cold surface, it turns in water droplets (the dew). In addition, the structure of the “fog collector” allows it to gather the water produced by moisture condensation on its components. The classic “fog collector”, for instance, consists of a grid sustained by supports that are usually made of wood, treated bamboo, or stainless steel poles.

In more details, when the fog goes through the polypropylene wires of the grid, which are similar to nylon, it deposits into it's small cells. Consequently, gravity makes the small drops of water descend along a drainpipe, which is located at the bottom of the “fog collector”. After that, in order to avoid contamination, water is carried to a nearby storage component for household or irrigational use. However, water must be treated with a purification process, which uses sand and chloride, in order to be potable.

Furthermore, data from many reports worldwide suggest that the amount of water collected by the “fog collector” can vary from a minimum of two litres/m² when the fog is light to a maximum of 17 litres/m² in cases of dense fog. However, It is fundamental to choose the right location for the collector in order to improve its performances. The amount of water gathered, in fact, can be maximised by positioning the collecting structure between 700 and 900 meters above the sea level and with a position perpendicular to the direction of the wind.



water is carried to a nearby storage component for household or irrigational use.

