

IGLU' green roof

H 4 cm



FORMWORK FOR WATER RESERVE.

The conformation of the Iglu'® green roof crown allows water to drain only in case of "overflow".

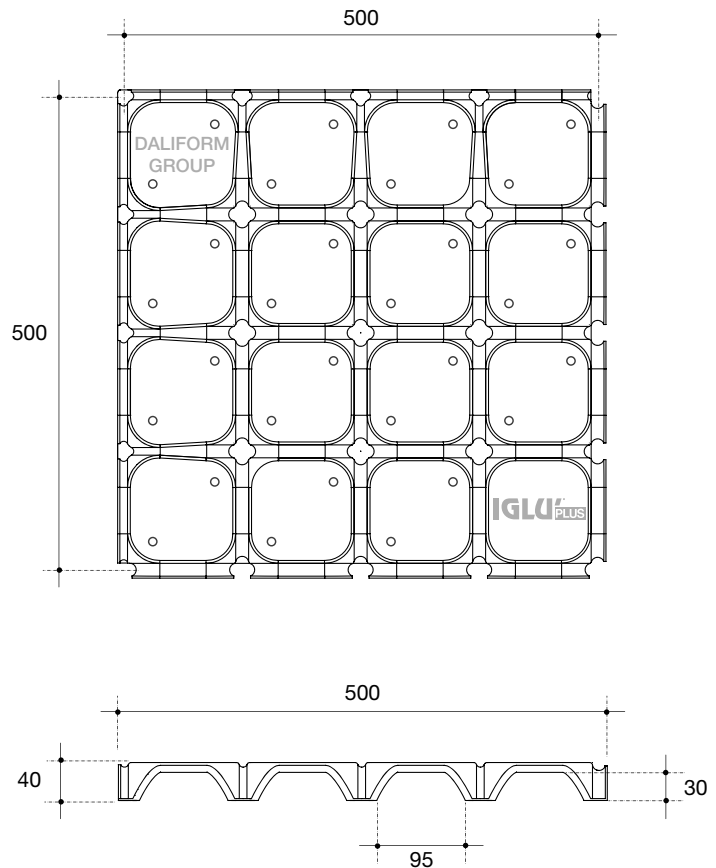
Extensive roof-top gardens.

Extensive roof garden (or green roof) is a type of green cover for medium-large surfaces, with reduced load capacity, which does not require special implementation and maintenance costs, given the limited thickness of the substrate and the type of vegetation belonging to very durable species with shallow roots (grass, sedum, herbaceous perennials).

It can be applied on flat or sloped coverings (up to 30°), and it is particularly suitable for the roofs of industrial buildings, shopping centers, office blocks and garage roofing. From the economic point of view, it is a valid solution also for covering residential complexes and single-family houses.

Generally it is not a usable type of covering, but it is important especially for environmental mitigation and compensation in highly urbanized contexts.

The certainty of lower heat loss during the winter, but, above all, the high natural cooling in summer, make the extensive green roofs made with Iglu'® green roof an ideal solution also for less useful roofs to be turned green.



Measures are in cm.*

* The volume may vary depending on the pouring condition and the tolerance of the material.

Technical data and packing

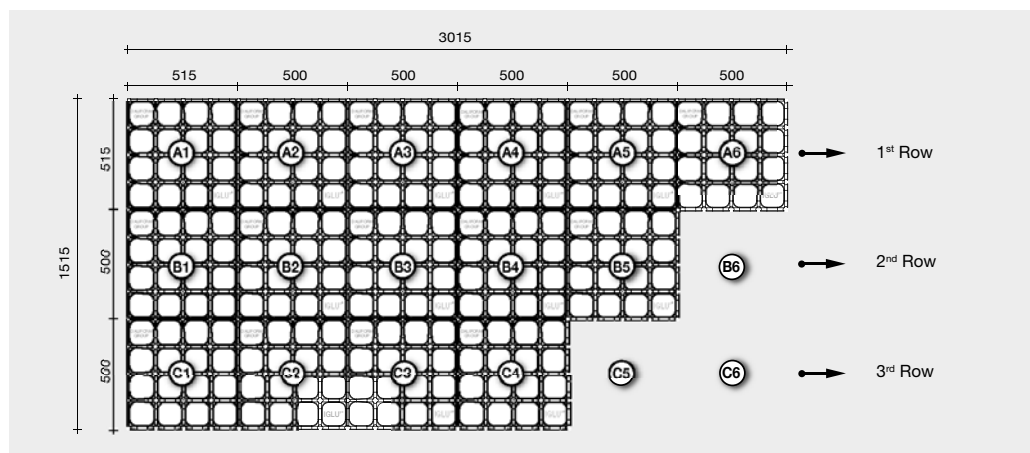
IGLU'® Green Roof H 4 cm - Formwork for water reserve.



Working dimensions*	cm	50x50
Weight per piece	h cm	0,770
Compressive strength	Kg./m ²	6.000
Water reserve	lt./ m ²	5,5
Draining surface	cm ² /m ²	~1.000
Total surface of feet of pillars	cm ² /m ²	1.200
Section for the water's passage	cm ² /m ² for side	220
Pallet 110 x 110 x 110 cm	m ² /PAL	100
	pz./PAL	400
	Kg./PAL	340

* In consideration of the recycled material, it is permitted a size tolerance of 2.5%.

Dry assembly method of Iglu'® Green Roof



To contact the technical office:

Tel. +39 0422 208350

tecnico@daliform.com

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Dry-stone time-exposure of IGLU'® Green Roof: 80 m²/h



Extensive roof-top gardens

Supply and installation of anti-root sheath. For extra protection of the waterproofing it is recommended to lay a piece of geotextile (TNT = Non-Woven Fabric) of 200 g/m². Supply and installation of Iglu'® green roof with tank made of regenerated plastic material (PP), resistant to organic substances, which acts as a collection and draining layer.

Filling of Iglu'® green roof with tank to a depth of 2 cm above the edge, with pumice or volcanic lapilli, particle size 10-12 mm, high level of water absorption.

Laying of 150 g/m² geotextile (TNT = Non-Woven Fabric) as a filter layer of separation between the filling material and the substrate.

Substrate to a thickness varying between 8 and 20 cm.

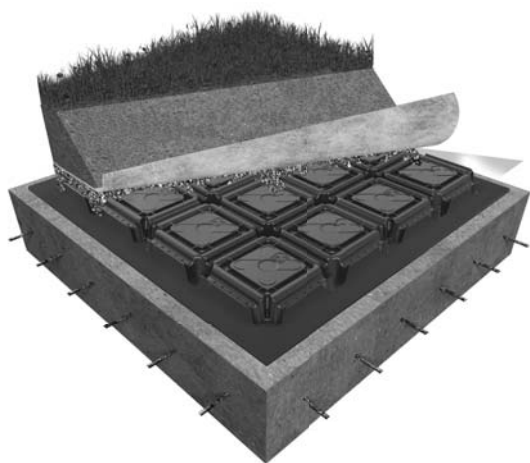
Realisation of an irrigation system, if any.

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rev. 02-02/16

IGLU' green roof

H 4 cm



FORMWORK FOR WATER DISPERSION.

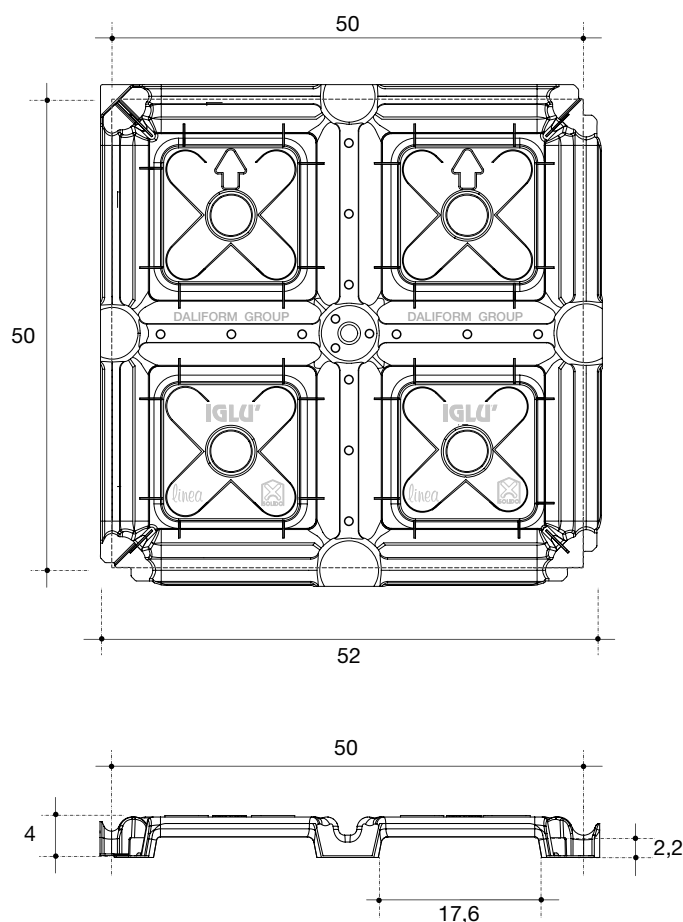
The conformation of the Iglu'® green roof (dispersion) lower side allows water to drain in order to ensure the maximum dispersion in the shortest possible time.

Intensive green roof.

Intensive roof garden (or green roof) is the most representative solution of the traditional garden. This solution allows the choice between a huge number of different species, which also include shrubs and trees of the third magnitude and requires a high degree of maintenance.

The ability to recreate environments which are fully comparable to the traditional gardens on the ground, make this type of covering a fully usable structure.

Coverings of this type are particularly suitable for private homes and hospitals, elderly homes, tourist facilities, covers for underground garages, driveways and parking areas, where high loads and mechanical stress are expected.



Measures are in cm.*

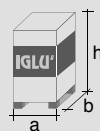
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Technical data and packing

IGLU'® Green Roof H 4 cm - Formwork for water dispersion.

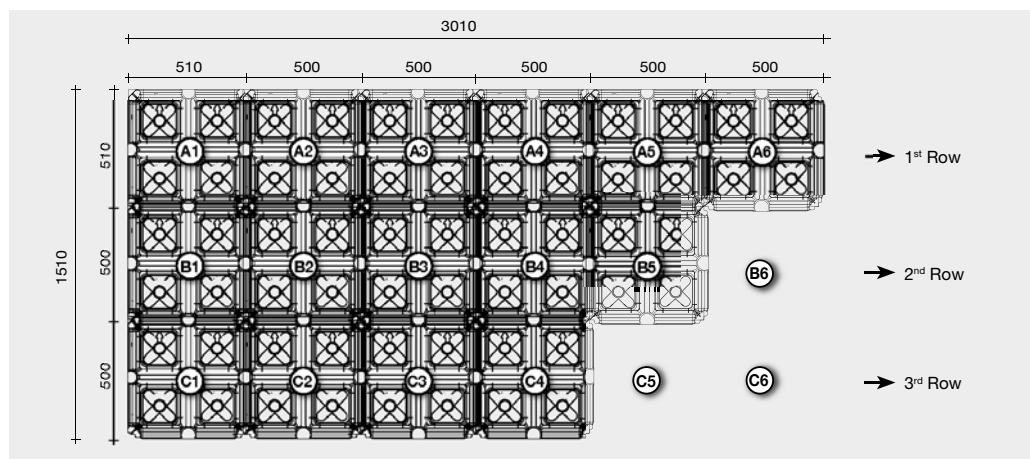


Working dimensions*	cm	50x50
Weight per piece	h cm	0,800
Compressive strength	Kg./m ²	5.000
Draining surface	cm ² /m ²	~1.000
Total surface of feet of pillars	cm ² /m ²	210
Section for the water's passage	cm ² /m ² per lato	120
Pallet	a x b x h	110 x 110 x 252
	m ² /PAL	500
	pz./PAL	600
	Kg./PAL	150



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Substrate to a thickness varying between 8 and 20 cm.

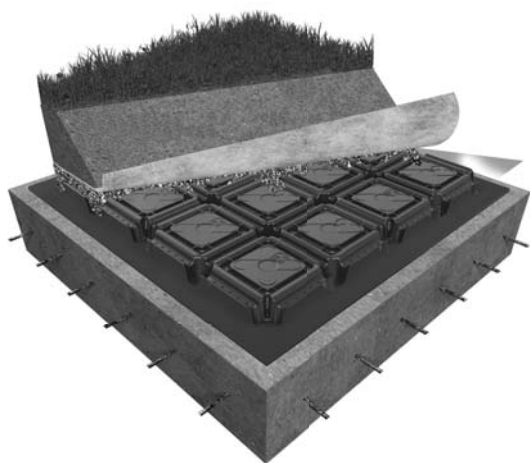
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IGLU' green roof

H 6 cm



FORMWORK FOR WATER DISPERSION.

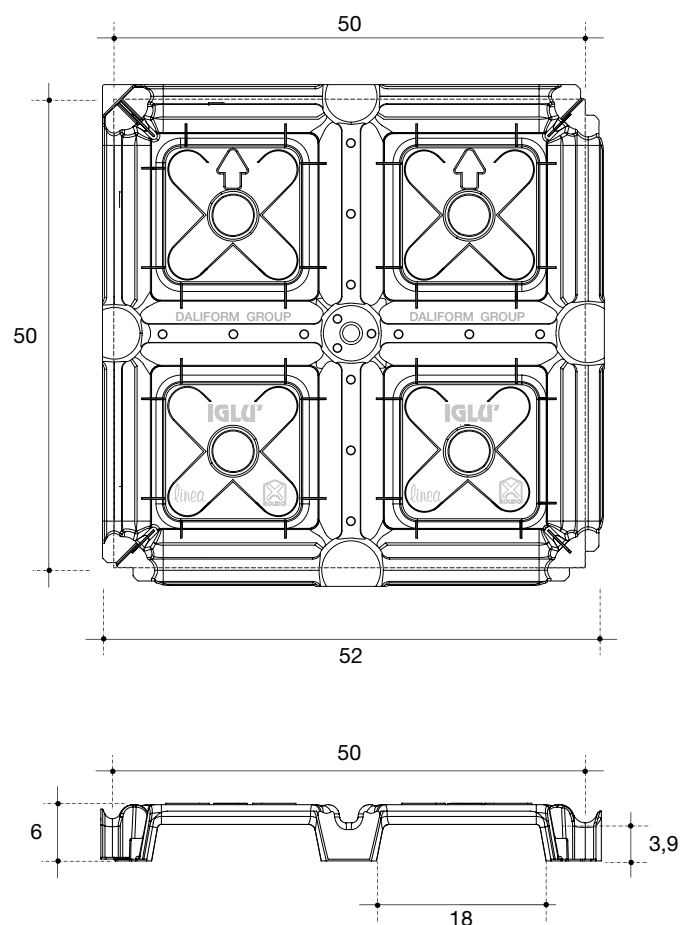
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Measures are in cm.*

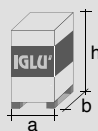
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Technical data and packing

IGLU'® Green Roof H 6 cm - per la dispersione dell'acqua

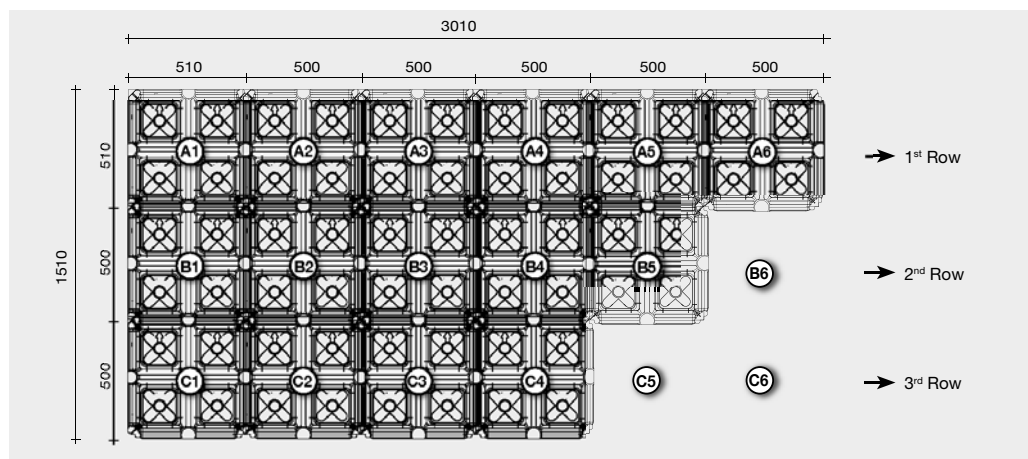


Working dimensions*	cm	50x50
Weight per piece	h cm	0,840
Compressive strength	Kg./m ²	5.000
Draining surface	cm ² /m ²	~1.000
Total surface of feet of pillars	cm ² /m ²	205
Section for the water's passage	cm ² /m ² per lato	280
Pallet	a x b x h	110 x 110 x 254
	m ² /PAL	520
	pz./PAL	600
	Kg./PAL	150



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Dry-stone time-exposure of IGLU'® Green Roof: 80 m²/h



Extensive roof-top gardens

Supply and installation of anti-root sheath. For extra protection of the waterproofing it is recommended to lay a piece of geotextile (TNT = Non-Woven Fabric) of 200 g/m². Supply and installation of Iglu'® green roof with tank made of regenerated plastic material (PP), resistant to organic substances, which acts as a collection and draining layer.

Filling of Iglu'® green roof with tank to a depth of 2 cm above the edge, with pumice or volcanic lapilli, particle size 10-12 mm, high level of water absorption.

Laying of 150 g/m² geotextile (TNT = Non-Woven Fabric) as a filter layer of separation between the filling material and the substrate.

Substrate to a thickness varying between 8 and 20 cm.

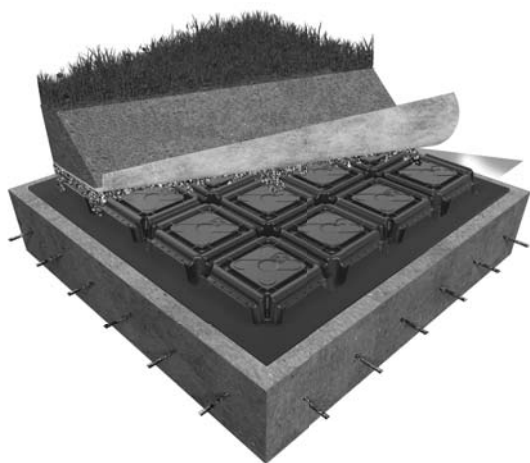
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IGLU' green roof

H 8 cm



FORMWORK FOR WATER DISPERSION.

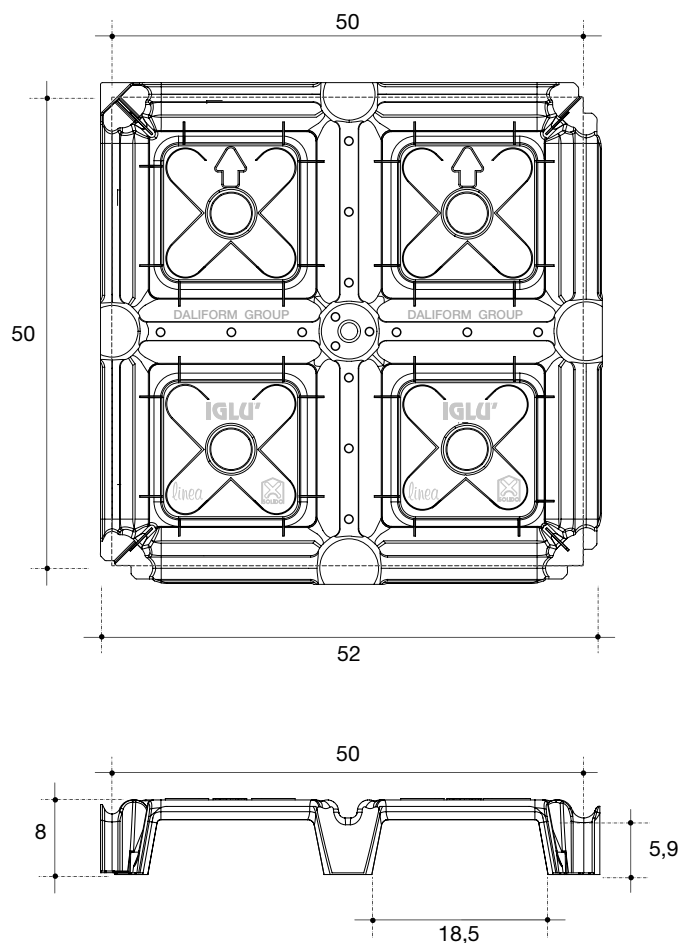
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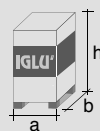
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Technical data and packing

IGLU'® Green Roof H 8 cm - per la dispersione dell'acqua

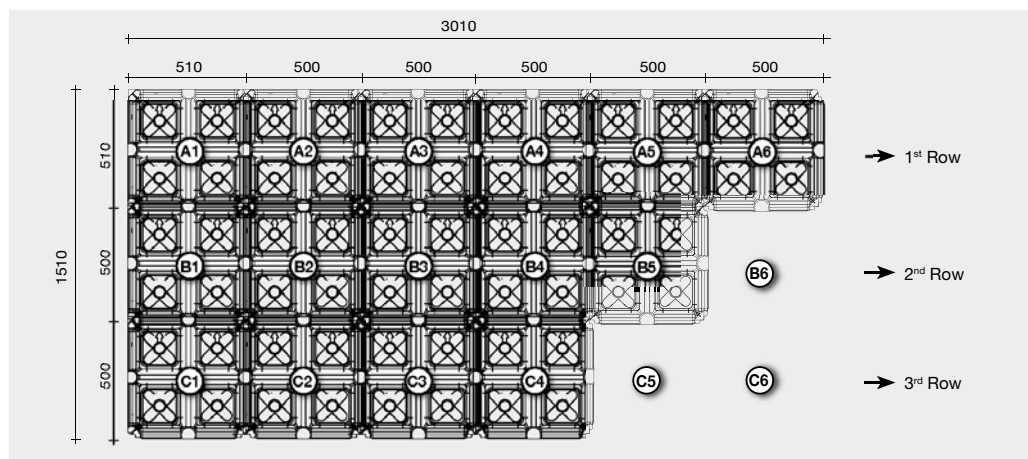


Working dimensions*	cm	50x50
Weight per piece	h cm	0,875
Compressive strength	Kg./m ²	5.000
Draining surface	cm ² /m ²	~1.000
Total surface of feet of pillars	cm ² /m ²	200
Section for the water's passage	cm ² /m ² per lato	420
Pallet	a x b x h	110 x 110 x 256
	m ² /PAL	640
	pz./PAL	600
	Kg./PAL	150



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Dry-stone time-exposure of IGLU'® Green Roof: 80 m²/h



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Filling of Iglu'® green roof with tank to a depth of 2 cm above the edge, with pumice or volcanic lapilli, particle size 10-12 mm, high level of water absorption.

Laying of 150 g/m² geotextile (TNT = Non-Woven Fabric) as a filter layer of separation between the filling material and the substrate.

Substrate to a thickness varying between 8 and 20 cm.

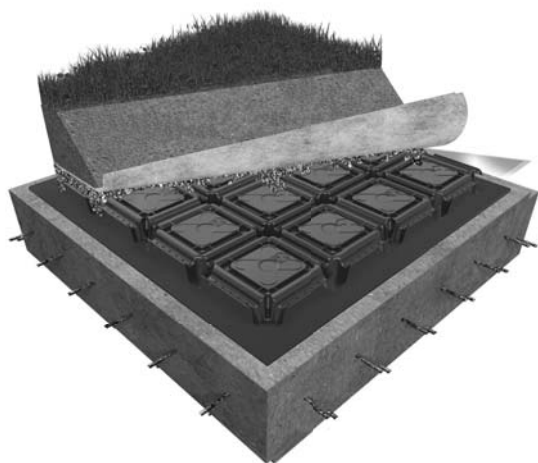
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IGLU' green roof

H 10 cm



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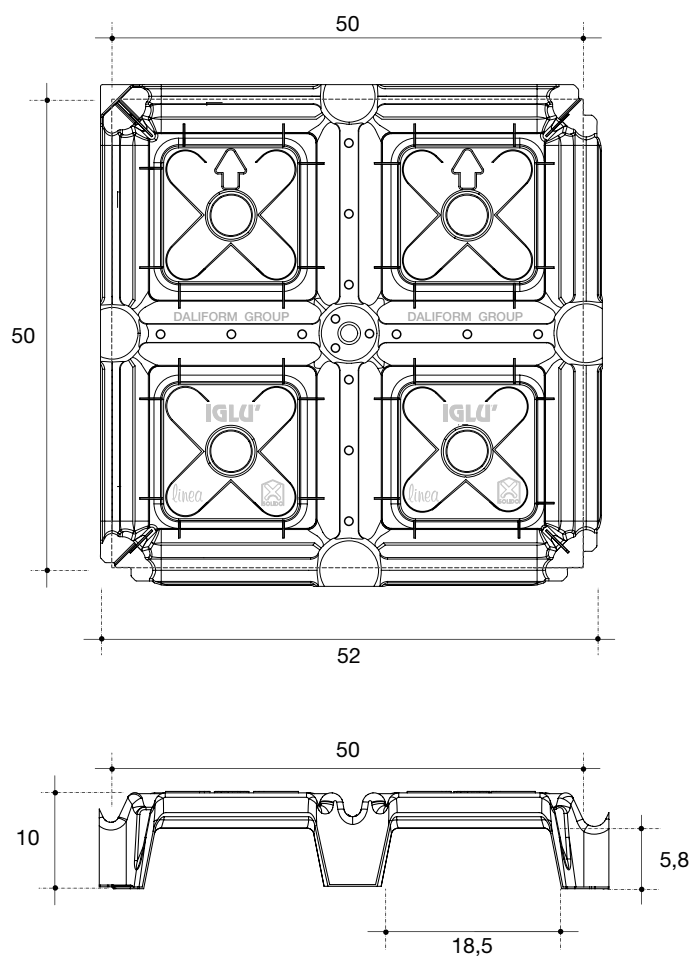
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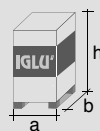
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Technical data and packing

IGLU'® Green Roof H 10 cm - per la dispersione dell'acqua

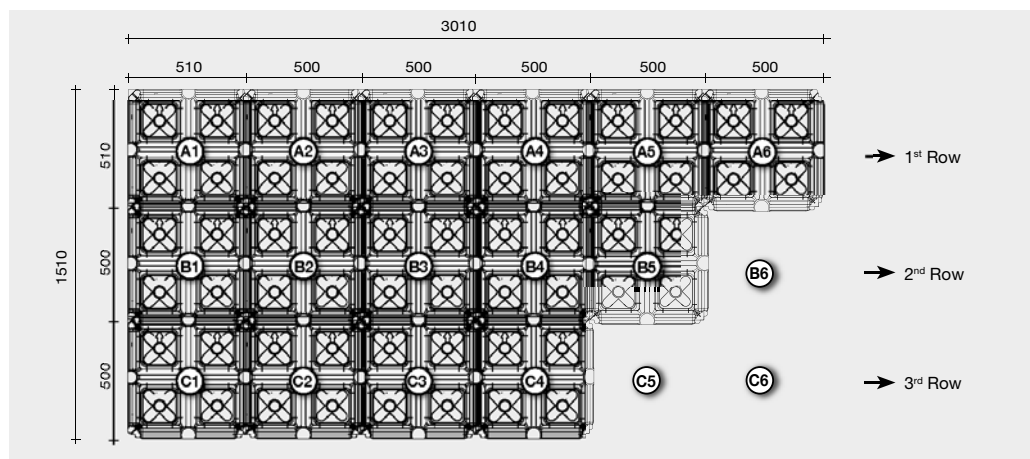


Working dimensions*	cm	50x50
Weight per piece	h cm	1,200
Compressive strength	Kg./m ²	5.000
Draining surface	cm ² /m ²	~1.000
Total surface of feet of pillars	cm ² /m ²	300
Section for the water's passage	cm ² /m ² per lato	440
Pallet	a x b x h	110 x 110 x 220
	m ² /PAL	576
	pz./PAL	480
	Kg./PAL	120



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Laying of 150 g/m² geotextile (TNT = Non-Woven Fabric) as a filter layer of separation between the filling material and the substrate.

Substrate to a thickness varying between 8 and 20 cm.

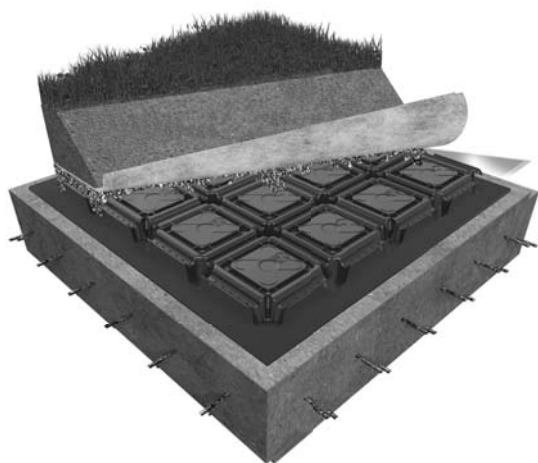
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IGLU' green roof

H 12 cm



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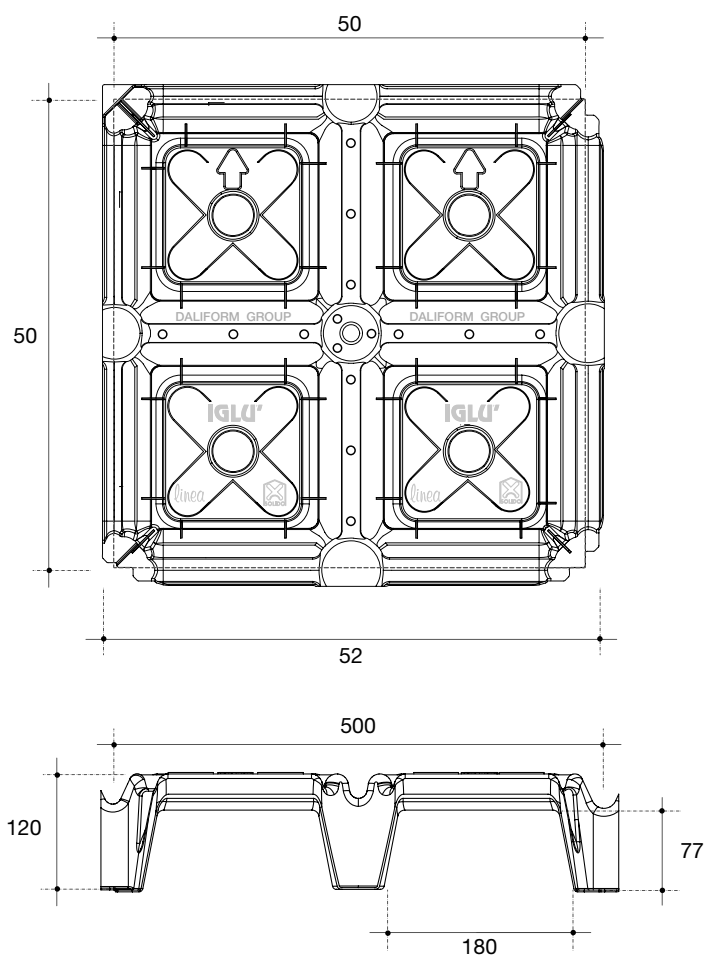
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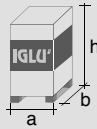
Measures are in cm.*

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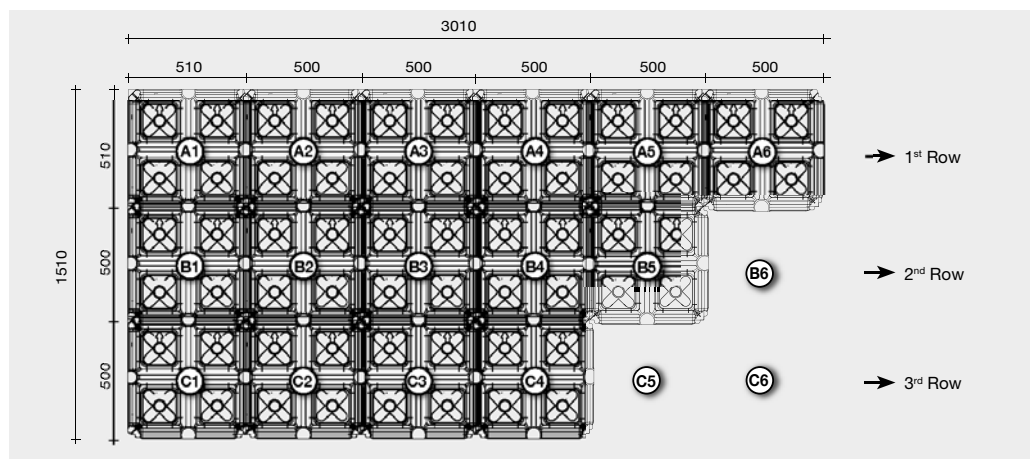
IGLU® Green Roof H 12 cm - per la dispersione dell'acqua



Working dimensions*	cm	50x50
Weight per piece	h cm	1,225
Compressive strength	Kg./m ²	5.000
Draining surface	cm ² /m ²	~1.000
Total surface of feet of pillars	cm ² /m ²	260
Section for the water's passage	cm ² /m ² per lato	600
Pallet 	a x b x h	110 x 110 x 220
	m ² /PAL	576
	pz./PAL	480
	Kg./PAL	120

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