

## IGLU'green roof H 5 cm



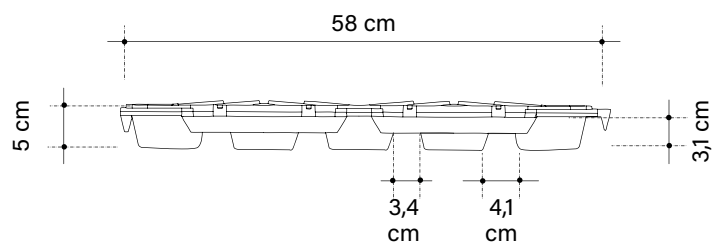
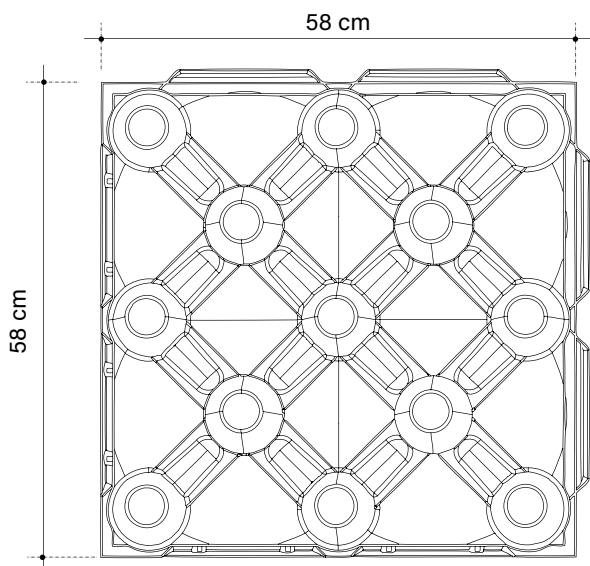
**RESERVE/DISPERSION**

IGLU'® Green Roof are made from recycled plastic. Is light weight and comes with interlocking panel designed to provide quick coverage and establishment of roof gardens.

The panels not only allow the excess water to drain away but the plastic cups also provide for water storage to allow the plants reuse when developing roof top gardens. The system can provide a green roof solution for residential, industrial and commercial buildings.

Roof gardens have been proven to provide a range of benefits in assisting in the reduction of climate change impacts and provide a more general well-being to our cities environments.

Reduce the impacts of urban heat island effects; Regulate urban rainfall runoff, through accumulation and retention, and returning a small percentage of this water, to the environment; Reduces outside noise pollution; Improve visual amenities of the urban landscape; Reduces roof top maintenance costs, since the entire area is covered and protected from the sun's direct rays, inclement weather and seasonal temperature variations.



*The images are only for examples.  
Recyclable material is allowed a size tolerance of  $\pm 1,5\%$ .*

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To obtain updated technical cards, support material, new photos and case studies, go to [www.daliform.com](http://www.daliform.com)

The technical consultancy is only valid for the Daliform Group construction systems.

TECHNICAL DATA

IGLU® Green Roof H 5 cm - RESERVE/DISPERSION

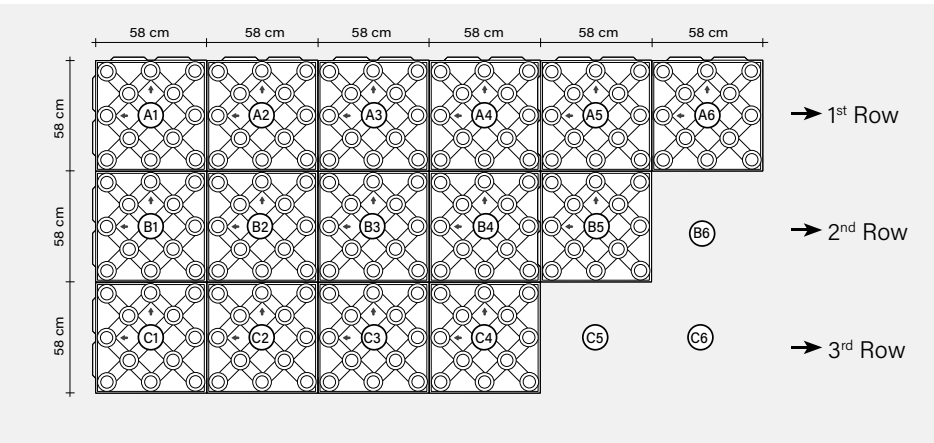


Useful size*	cm	58 x 58
Height H*	cm	5
Average piece weight	kg	1,136
Total surface of feet	cm²/m²	1.240
Maximum breaking load	kg/m²	more then 10.000
Water reservoir (calculated in horizontal plane, for inclinations calculate maximum loss 10%)	lt/m²	14
Filling the panel with volcanic lapilli or pumice	m³/m²	0,014
Drainage capacity (with fabric non fabric + 20 cm of soil)	lt/m² h	1.300
Pallet dimensions	cm	120 x 120 x 256 h
Pallet m2	m²/PAL	320
Pieces per pallet**	pcs/PAL	960
Pallet weight**	kg/PAL	1.104

\* Recyclable material is allowed a size tolerance of ± 1,5%.  
\*\* For production necessity the technical data can be change.

The drainage capacity of system, with a IGLU® Green Roof, has been calculated taking the drainage holes only into account. The IGLU® Green Roof panel conforms to the UNI 11235.

ASSEMBLY OF IGLU® GREEN ROOF



The IGLU® Green Roof panels are connected through special clips, which give stability and ability to adapt even on curved surfaces.

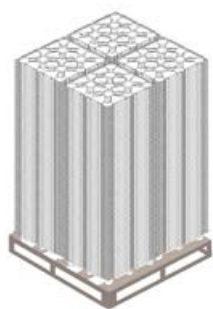
The holes that exist in the upper part of the panel, which is in contact with the geotextile, provide a high drainage of excess water to prevent flooding and preventing of the passage of roots.



Waterproof the floor and the perimeters of the structure. Lay the pipes if there are water systems, lighting systems or other.

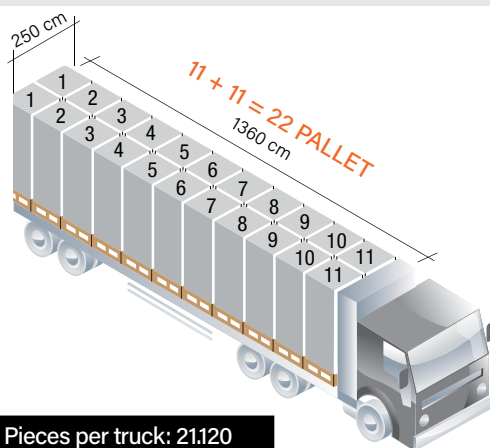
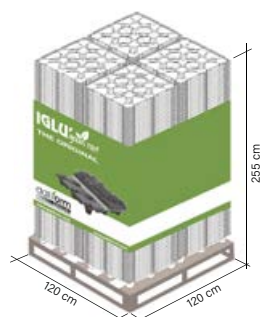
**Lay IGLU® Green Roof**  
Fill the IGLU® Green Roof with suitable hygroscopic material (volcanic lapillus or pumice stone).  
Lay the geotextile (non-woven fabric) on the whole surface, weighing not less than 200 gr/m².  
Overlap the strips of geotextile of 10 cm and twist the same in the perimeters of the structure for a height equal to that of the finished package.  
Lay the thickness soil according to the installation desired (intensive or extensive).

## PACKING AND TRANSPORT



1 pallet: 4 piles of 240 pieces

Pieces for pallet: 960



Pieces per truck: 21,120

## LABELLING

Each pallet is identified with:



A coloured band containing:  
the brand, a type image of the product,  
the Company name, the website and  
any warnings.



A label with the following informations: product's  
name and code, quantity, Certificate of the  
Environmental Compatibility, date of production, shift  
of production, n° of the worker, production line batch.

## CREDITS

- BBA;
- Declaration of Performance Conformity;
- Hygienic certificate;
- Rupture load tests;
- Productive process monitoring tests;
- Certificate of Environmental Compatibility.

The product does not fear the weather and can be stored outside. Take the utmost care to prevent the product from being deformed or overstressed during the unloading, storage and assembly. In case of disposal the product is totally recyclable.