

## IGLU' green roof H 4 cm



RESERVE

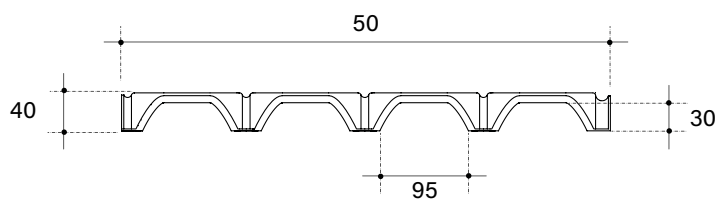
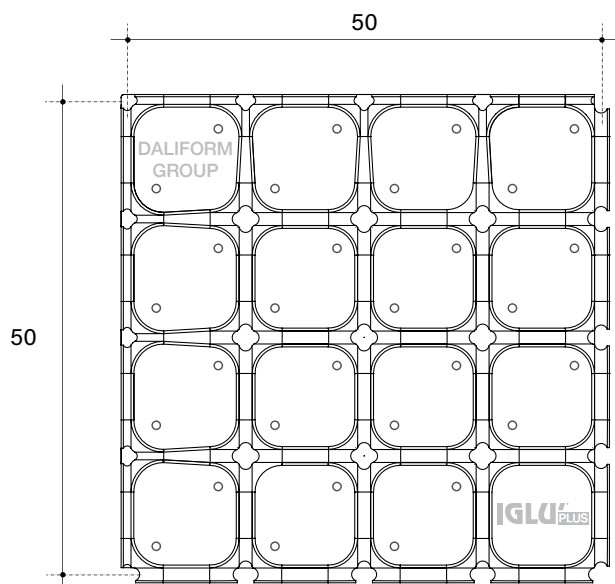
The conformation of the IGLU'® Green Roof crown allows water to drain only in case of "overflow".

### 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.

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



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

To contact the technical office: Tel. +39 0422 2083 - [tecnico@daliform.com](mailto:tecnico@daliform.com)  
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 4 cm - RESERVE



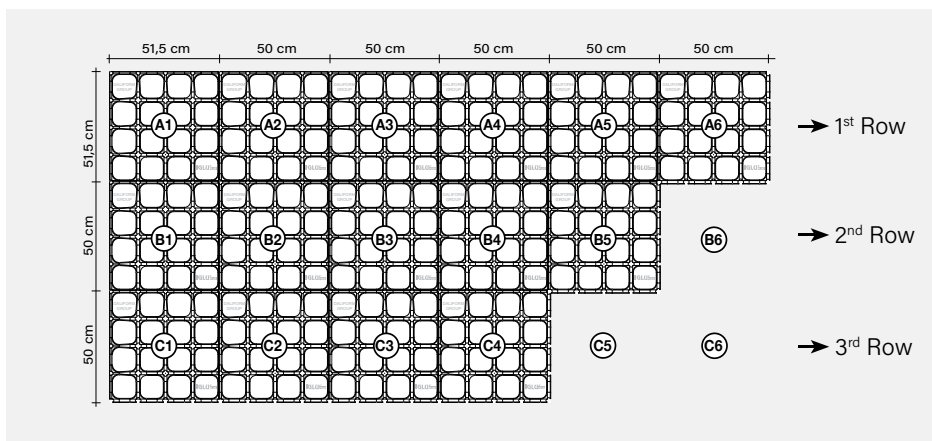
|                       |                                 |                 |
|-----------------------|---------------------------------|-----------------|
| Useful size*          | cm                              | 50 x 50         |
| Height H*             | cm                              | 4               |
| Average piece weight  | kg                              | 0,865           |
| Total surface of feet | cm <sup>2</sup> /m <sup>2</sup> | 1.200           |
| Maximum breaking load | kg/m <sup>2</sup>               | 6.000           |
| Water reservoir       | lt/m <sup>2</sup>               | 5,5             |
| Drainage capacity     | cm <sup>2</sup> /m <sup>2</sup> | ~ 1.000         |
| Pallet dimensions     | cm                              | 110 x 110 x 108 |
| Pallet m2             | m <sup>2</sup> /PAL             | 100             |
| Pieces per pallet**   | pcs/PAL                         | 400             |
| Pallet weight**       | kg/PAL                          | 359             |

\* Recyclable material is allowed a size tolerance of  $\pm 1,5\%$ .

\*\* 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/m<sup>2</sup>.

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.

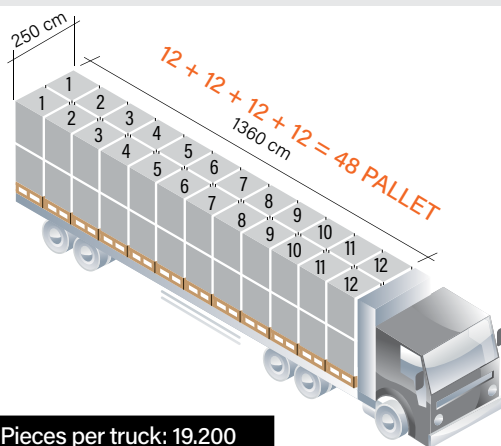
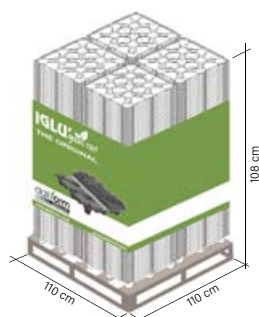
Lay the thickness soil according to the installation desired (intensive or extensive).

## PACKING AND TRANSPORT



1 pallet: 4 piles of 100 pieces

Pieces per pallet: 400



Pieces per truck: 19,200

## 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.