

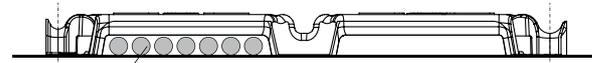
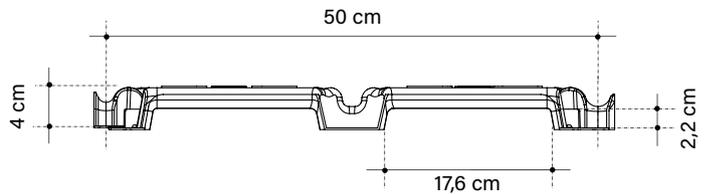
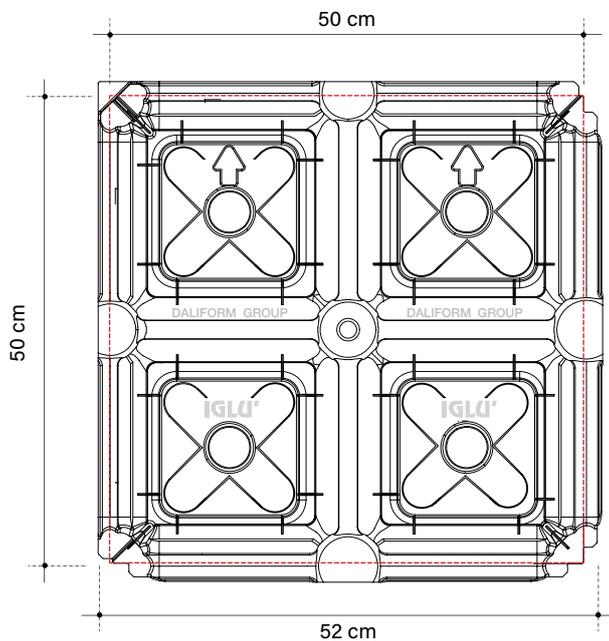
# IGLÙ' H 4 cm



**Ventilated under-floor cavities for civil and industrial buildings that are being built new or reconstructed. - Urban infrastructure structures: squares, sidewalks, sports facility.**

- Creation of an intermediate slab or roofing for cavities used for ventilation and the passage of systems.
- Rooms used for humidity and temperature control: drying cells, cold rooms, greenhouses, storage rooms and cellars.
- Underground pipes for the passage of utilities. Inspectionable cavities and pits.
- By filling it in simply with expanded clay, it can be used to create roof-top gardens.
- Underground ducts for the dispersion of water and for drainage.
- Overhead sidewalks for passenger loading and unloading or the creation of floating floors.
- Levelling height.

Made of ALAPLEN® CP30



Passage of nr. 7 tubes Ø 22 mm for tunnel

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



**0,006 m<sup>3</sup>/m<sup>2</sup> Quantity (of concrete to the crown)\*\***

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

## PRESSURES AT THE BOTTOM OF THE STRUCTURE

IGLU® h 4 cm

Loads <sup>[1]</sup> kN/m <sup>2</sup>	Slab cm	Mesh Ø mm maglia cm x cm	Thickness of the lean concrete cm	Pressure at pillar base <sup>[2]</sup> MPa
15	4	Ø5 / 25 x 25	5 7 10	0,105 0,071 0,044
50	5	Ø5 / 20 x 20	7 10 15	0,216 0,132 0,072
100	8	Ø6 / 20 x 20	10 15 20	0,260 0,140 0,088

<sup>[1]</sup> Characteristic values

<sup>[2]</sup> Project values (Ultimate SLU Limit State - Coefficients A1)

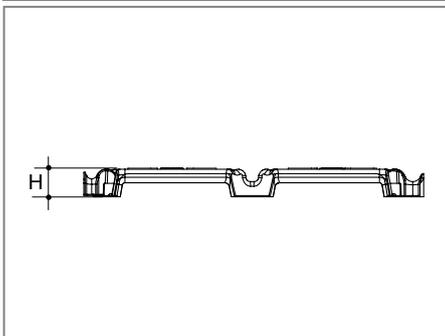
The table expresses, starting from the various examples of overload and of thickness (to be given to the slab), the pressures that would be applied to the feet of the structure, in relation to the (eventual) thicknesses of the lean concrete. The overload hypotheses are indicated in table as an example; the actual load capacity is far superior.

To know the exact values or sizing as shown in the project, contact the technical department.

The Technical Office is available to provide planning support both in the preliminary and in the executive phase to determine the technical characteristics of the structures, the related construction costs and perform comparative analyzes with alternative technical solutions. Upon request, it is also possible to take advantage of technical assistance on site.

## TECHNICAL DATA

IGLU® H 4 cm



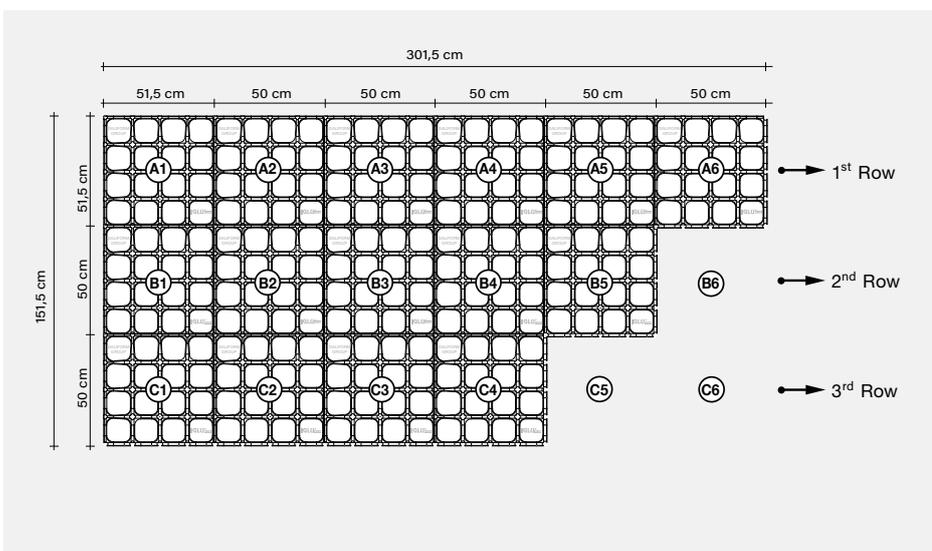
Useful size*	cm	50 x 50
Height H*	cm	4
Quantity of concrete to the crown**	m <sup>3</sup> /m <sup>2</sup>	0,006
Average piece weight	kg	0,735
Pallet dimensions	cm	110 x 110 x 250 h
M <sup>2</sup> pallet	m <sup>2</sup> /PAL	150
Pieces per pallet***	pcs/PAL	600
Pallet weight***	kg/PAL	454

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

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

\*\*\* For production necessity the technical data can be change.

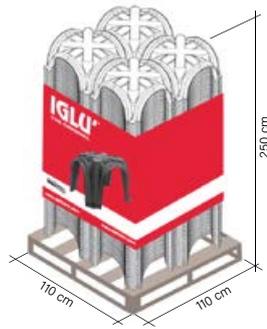
## DRY ASSEMBLY METHOD



To ensure a correct installation and perfectly created under-floor cavity please refer to the product's usage requirements.

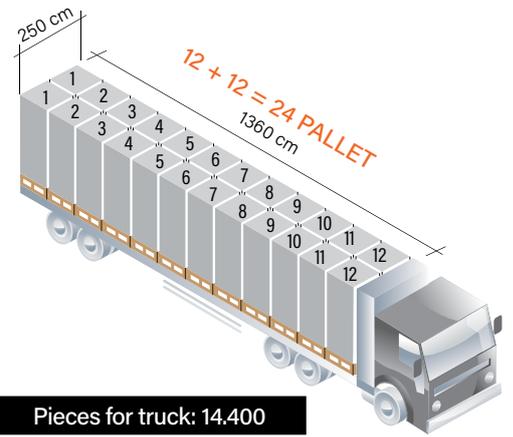
Dry-stone time-exposure of IGLU®: 80 m<sup>2</sup>/h

## TECHNICAL PACKING AND TRUCKING



1 pallet: 4 piles of 150 pieces

Pieces for pallet: 600



Pieces for truck: 14.400

## 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;
- Acoustic check for verification of DIN standards;
- Avis Technique;
- 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.

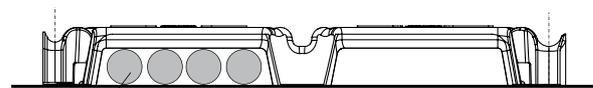
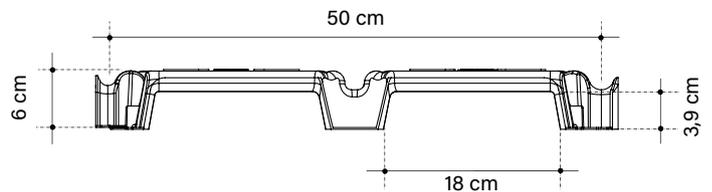
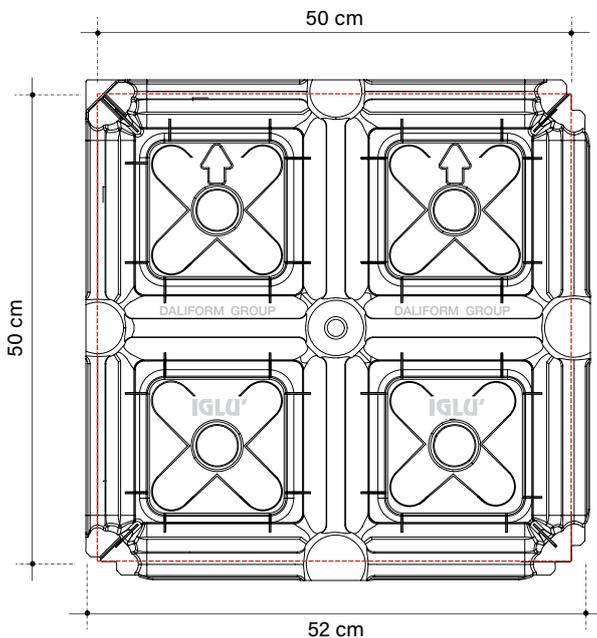
# IGLÙ' H 6 cm



**Ventilated under-floor cavities for civil and industrial buildings that are being built new or reconstructed. - Urban infrastructure structures: squares, sidewalks, sports facility.**

- Creation of an intermediate slab or roofing for cavities used for ventilation and the passage of systems.
- Rooms used for humidity and temperature control: drying cells, cold rooms, greenhouses, storage rooms and cellars.
- Underground pipes for the passage of utilities. Inspectionable cavities and pits.
- By filling it in simply with expanded clay, it can be used to create roof-top gardens.
- Underground ducts for the dispersion of water and for drainage.
- Overhead sidewalks for passenger loading and unloading or the creation of floating floors.
- Levelling height.

Made of ALAPLEN® CP30



Passage of nr. 4 tubes Ø 35 mm for tunnel

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



**0,007 m<sup>3</sup>/m<sup>2</sup> Quantity (of concrete to the crown)\*\***

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

## PRESSURES AT THE BOTTOM OF THE STRUCTURE

IGLU® h 6 cm

Loads <sup>[1]</sup> kN/m <sup>2</sup>	Slab cm	Mesh Ø mm maglia cm x cm	Thickness of the lean concrete cm	Pressure at pillar base <sup>[2]</sup> MPa
15	4	Ø5 / 25 x 25	5 7 10	0,110 0,074 0,046
50	5	Ø5 / 20 x 20	7 10 15	0,224 0,137 0,074
100	8	Ø6 / 20 x 20	10 15 20	0,270 0,144 0,089

<sup>[1]</sup> Characteristic values

<sup>[2]</sup> Project values (Ultimate SLU Limit State - Coefficients A1)

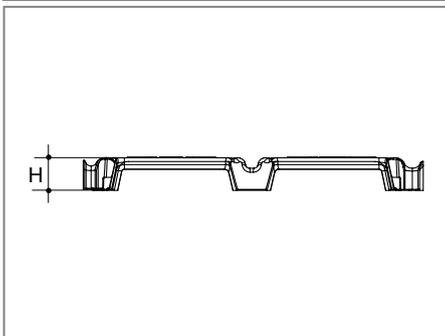
The table expresses, starting from the various examples of overload and of thickness (to be given to the slab), the pressures that would be applied to the feet of the structure, in relation to the (eventual) thicknesses of the lean concrete. The overload hypotheses are indicated in table as an example; the actual load capacity is far superior.

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## TECHNICAL DATA

IGLU® H 6 cm



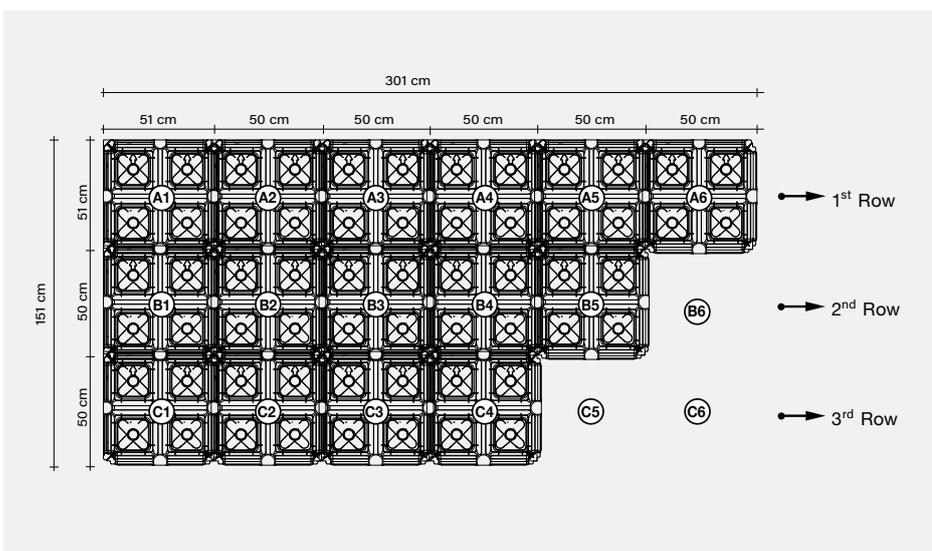
Useful size*	cm	50 x 50
Height H*	cm	6
Quantity of concrete to the crown**	m <sup>3</sup> /m <sup>2</sup>	0,007
Average piece weight	kg	0,757
Pallet dimensions	cm	110 x 110 x 253 h
M <sup>2</sup> pallet	m <sup>2</sup> /PAL	150
Pieces per pallet***	pcs/PAL	600
Pallet weight***	kg/PAL	467

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

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

\*\*\* For production necessity the technical data can be change.

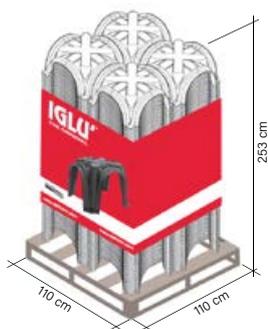
## DRY ASSEMBLY METHOD



 To ensure a correct installation and perfectly created under-floor cavity please refer to the product's usage requirements.

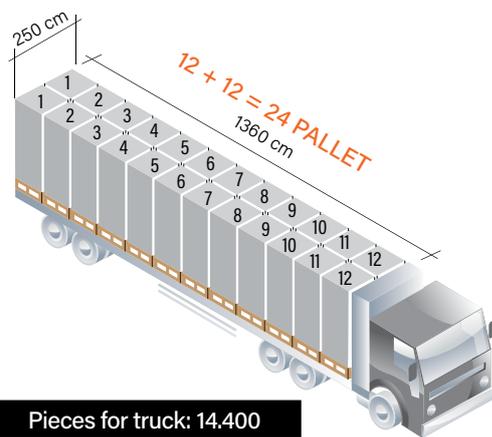
Dry-stone time-exposure of IGLU®: 80 m<sup>2</sup>/h

## TECHNICAL PACKING AND TRUCKING



1 pallet: 4 piles of 150 pieces

Pieces for pallet: 600



Pieces for truck: 14.400

## 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;
- Acoustic check for verification of DIN standards;
- Avis Technique;
- Rupture load tests;
- Productive process monitoring tests;
- Certificate of Environmental Compatibility.

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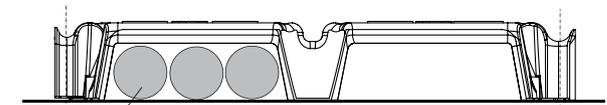
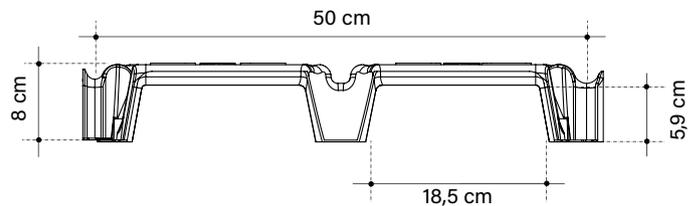
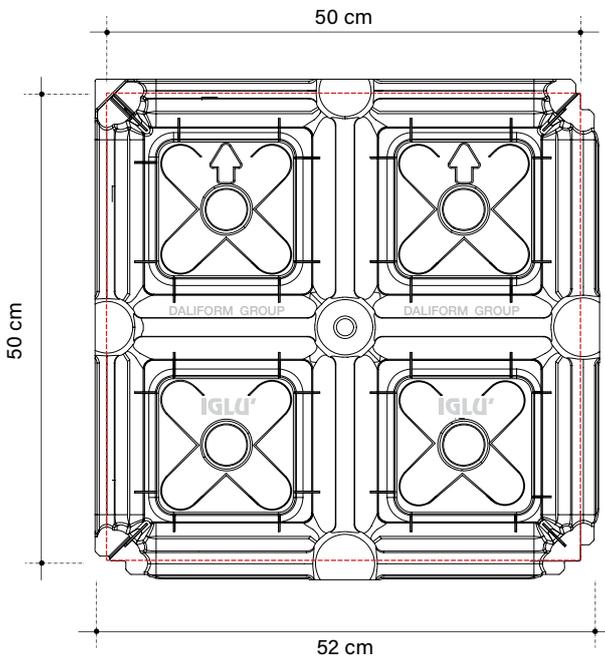
# IGLÙ' H 8 cm



**Ventilated under-floor cavities for civil and industrial buildings that are being built new or reconstructed. - Urban infrastructure structures: squares, sidewalks, sports facility.**

- Creation of an intermediate slab or roofing for cavities used for ventilation and the passage of systems.
- Rooms used for humidity and temperature control: drying cells, cold rooms, greenhouses, storage rooms and cellars.
- Underground pipes for the passage of utilities. Inspectionable cavities and pits.
- By filling it in simply with expanded clay, it can be used to create roof-top gardens.
- Underground ducts for the dispersion of water and for drainage.
- Overhead sidewalks for passenger loading and unloading or the creation of floating floors.
- Levelling height.

Made of ALAPLEN® CP30



Passage of nr. 3 tubes Ø 56 mm for tunnel

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



**0,010 m<sup>3</sup>/m<sup>2</sup> Quantity (of concrete to the crown)\*\***

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

## PRESSURES AT THE BOTTOM OF THE STRUCTURE

IGLU® h 8 cm

Loads <sup>[1]</sup> kN/m <sup>2</sup>	Slab cm	Mesh Ø mm maglia cm x cm	Thickness of the lean concrete cm	Pressure at pillar base <sup>[2]</sup> MPa
15	4	Ø5 / 25 x 25	5 7 10	0,119 0,078 0,048
50	5	Ø5 / 20 x 20	7 10 15	0,238 0,143 0,076
80	8	Ø6 / 20 x 20	10 15 20	0,226 0,120 0,074

<sup>[1]</sup> Characteristic values

<sup>[2]</sup> Project values (Ultimate SLU Limit State - Coefficients A1)

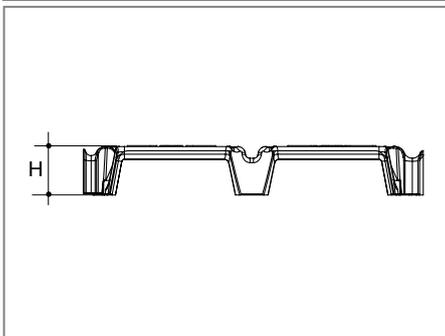
The table expresses, starting from the various examples of overload and of thickness (to be given to the slab), the pressures that would be applied to the feet of the structure, in relation to the (eventual) thicknesses of the lean concrete. The overload hypotheses are indicated in table as an example; the actual load capacity is far superior.

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## TECHNICAL DATA

IGLU® H 8 cm



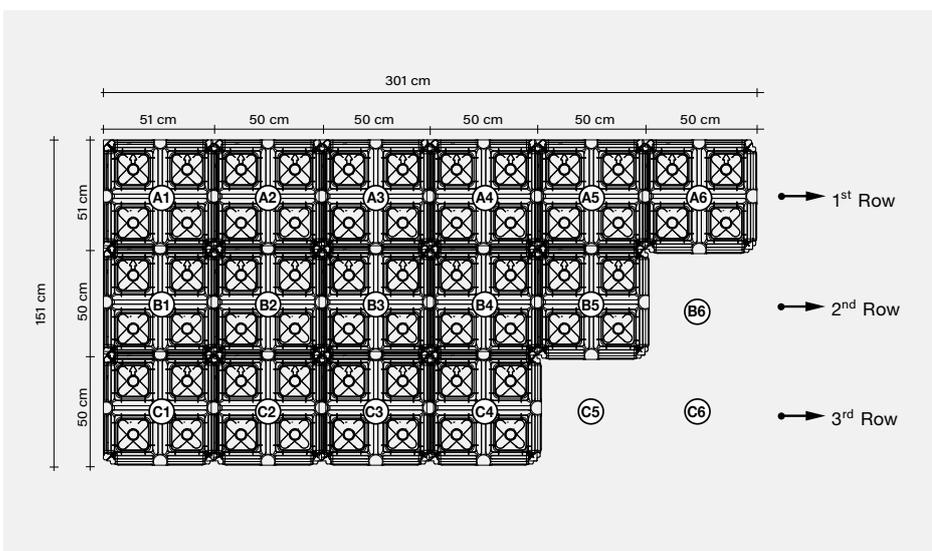
Useful size*	cm	50 x 50
Height H*	cm	8
Quantity of concrete to the crown**	m <sup>3</sup> /m <sup>2</sup>	0,010
Average piece weight	kg	0,789
Pallet dimensions	cm	110 x 110 x 254 h
M <sup>2</sup> pallet	m <sup>2</sup> /PAL	150
Pieces per pallet***	pcs/PAL	600
Pallet weight***	kg/PAL	487

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

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

\*\*\* For production necessity the technical data can be change.

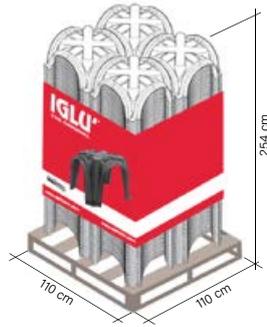
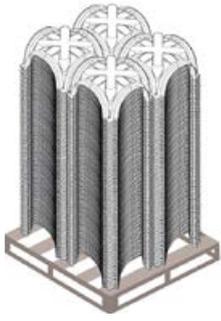
## DRY ASSEMBLY METHOD



To ensure a correct installation and perfectly created under-floor cavity please refer to the product's usage requirements.

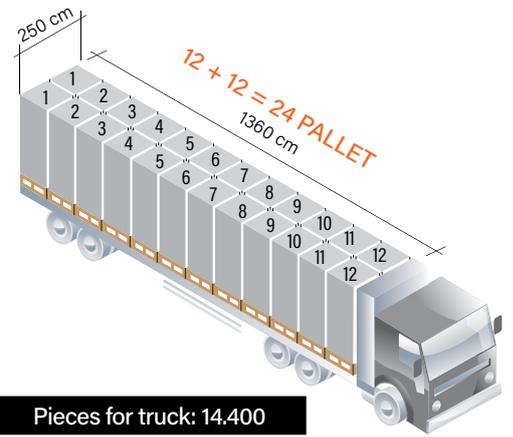
Dry-stone time-exposure of IGLU®: 80 m<sup>2</sup>/h

## TECHNICAL PACKING AND TRUCKING



1 pallet: 4 piles of 150 pieces

Pieces for pallet: 600



Pieces for truck: 14,400

## LABELLING

Each pallet is identified with:



A coloured band containing:  
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any warnings.



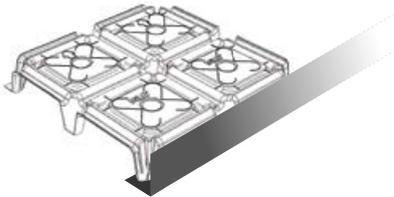
A label with the following informations: product's  
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Environmental Compatibility, date of production, shift  
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## CREDITS

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## ACCESSORIES



### CASTING STOP L-PLAST

Useful size	cm	205 x 12+8
Thickness	cm	0,25
Piece weight	kg/pc	0,205
Package	m	50

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Via Postumia Centro, 49 - 31040  
Gorgo al Monticano (TV) - Italy



Certified Management System  
UNI EN ISO 9001 - UNI EN ISO 14001 - UNI EN ISO 45001 - SA8000



Member of  
GBC Italy



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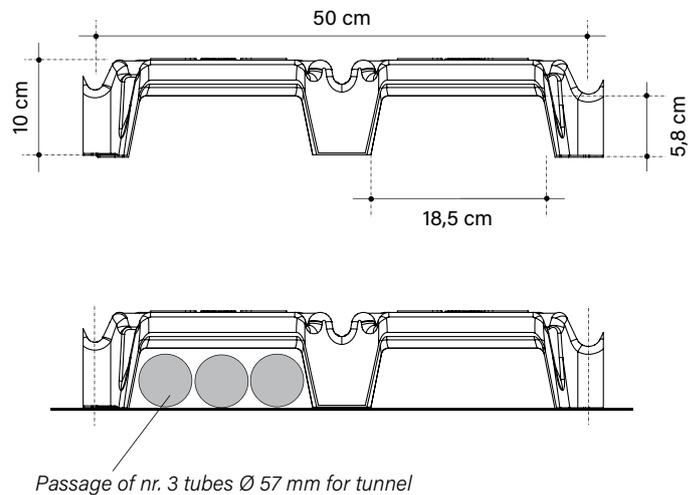
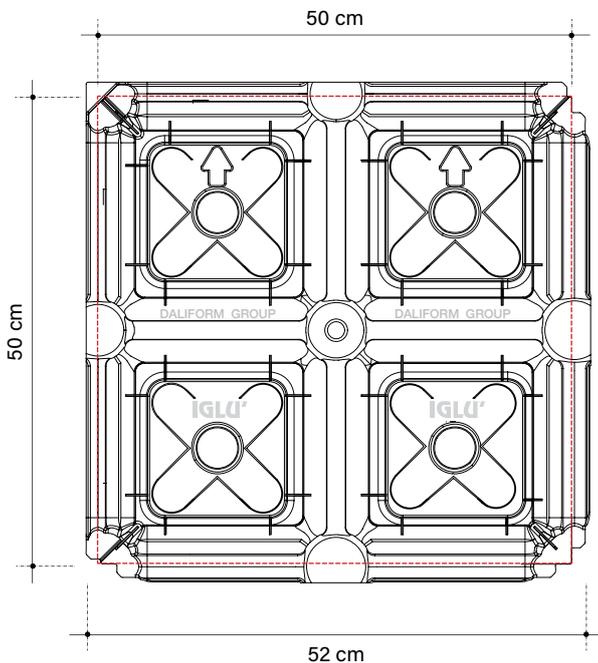
# IGLÙ' H 10 cm



**Ventilated under-floor cavities for civil and industrial buildings that are being built new or reconstructed. - Urban infrastructure structures: squares, sidewalks, sports facility.**

- Creation of an intermediate slab or roofing for cavities used for ventilation and the passage of systems.
- Rooms used for humidity and temperature control: drying cells, cold rooms, greenhouses, storage rooms and cellars.
- Underground pipes for the passage of utilities. Inspectionable cavities and pits.
- By filling it in simply with expanded clay, it can be used to create roof-top gardens.
- Underground ducts for the dispersion of water and for drainage.
- Overhead sidewalks for passenger loading and unloading or the creation of floating floors.
- Levelling height.

Made of ALAPLEN® CP30



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**0,013 m<sup>3</sup>/m<sup>2</sup> Quantity (of concrete to the crown)\*\***

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

## PRESSURES AT THE BOTTOM OF THE STRUCTURE

IGLU'® h 10 cm

Loads <sup>[1]</sup> kN/m <sup>2</sup>	Slab cm	Mesh Ø mm maglia cm x cm	Thickness of the lean concrete cm	Pressure at pillar base <sup>[2]</sup> MPa
15	4	Ø5 / 25 x 25	5 7 10	0,115 0,080 0,047
50	5	Ø5 / 20 x 20	7 10 15	0,231 0,140 0,075
100	8	Ø6 / 20 x 20	10 15 20	0,274 0,146 0,090

<sup>[1]</sup> Characteristic values

<sup>[2]</sup> Project values (Ultimate SLU Limit State - Coefficients A1)

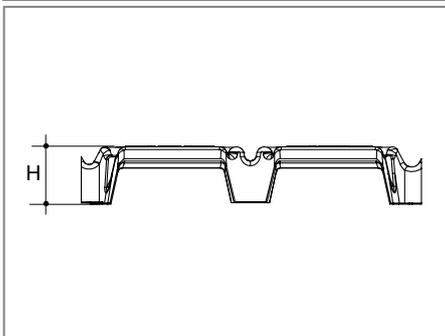
The table expresses, starting from the various examples of overload and of thickness (to be given to the slab), the pressures that would be applied to the feet of the structure, in relation to the (eventual) thicknesses of the lean concrete. The overload hypotheses are indicated in table as an example; the actual load capacity is far superior.

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## TECHNICAL DATA

IGLU'® H 10 cm



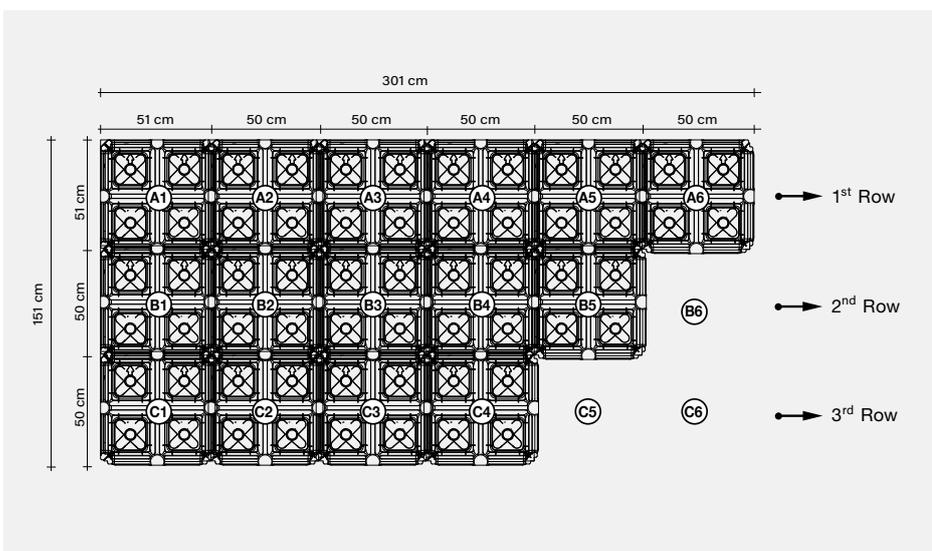
Useful size*	cm	50 x 50
Height H*	cm	10
Quantity of concrete to the crown**	m <sup>3</sup> /m <sup>2</sup>	0,013
Average piece weight	kg	0,833
Pallet dimensions	cm	110 x 110 x 246 h
M <sup>2</sup> pallet	m <sup>2</sup> /PAL	145
Pieces per pallet***	pcs/PAL	580
Pallet weight***	kg/PAL	496

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

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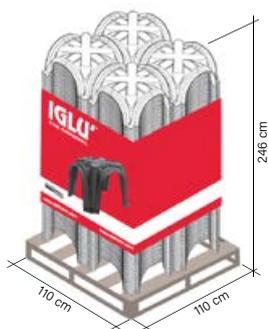
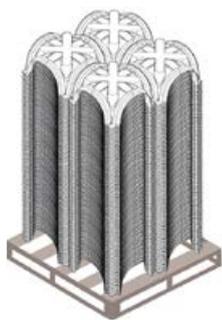
## DRY ASSEMBLY METHOD



 To ensure a correct installation and perfectly created under-floor cavity please refer to the product's usage requirements.

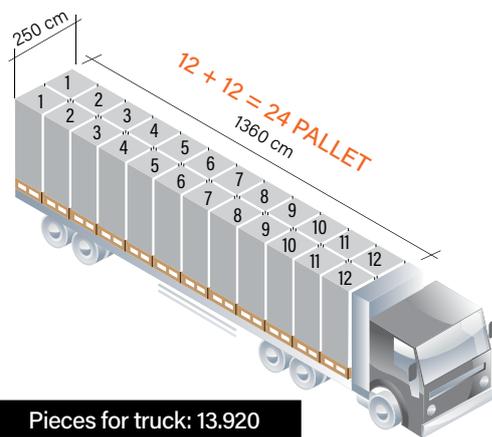
Dry-stone time-exposure of IGLU'®: 80 m<sup>2</sup>/h

## TECHNICAL PACKING AND TRUCKING



1 pallet: 4 piles of 145 pieces

Pieces for pallet: 580



Pieces for truck: 13.920

## 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.



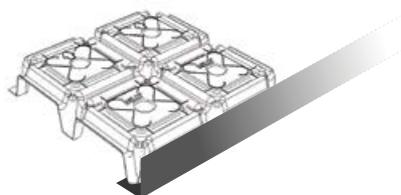
A label with the following informations: product's name and code, quantity, Certificate of the Environmental Compatibility, date of production, shift of production, n° of the worker, production line batch.

## CREDITS

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## ACCESSORIES



### CASTING STOP L-PLAST

Useful size	cm	205 x 12+8
Thickness	cm	0,25
Piece weight	kg/pc	0,205
Package	m	50

**daliform**  
GROUP  
Building Innovation © Creatori dell'Iglù®

Tel. +39 0422 2083 - Fax +39 0422 800234  
export@daliform.com - www.daliform.com  
Via Postumia Centro, 49 - 31040  
Gorgo al Monticano (TV) - Italy



Certified Management System  
UNI EN ISO 9001 - UNI EN ISO 14001 - UNI EN ISO 45001 - SA8000

Member of  
GBC Italy

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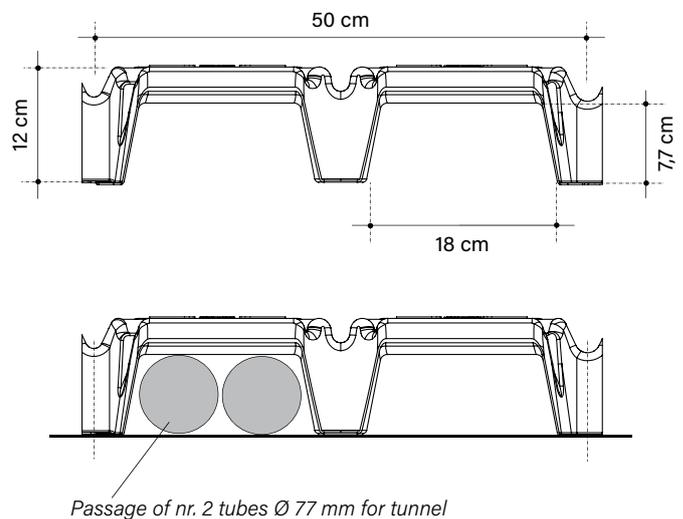
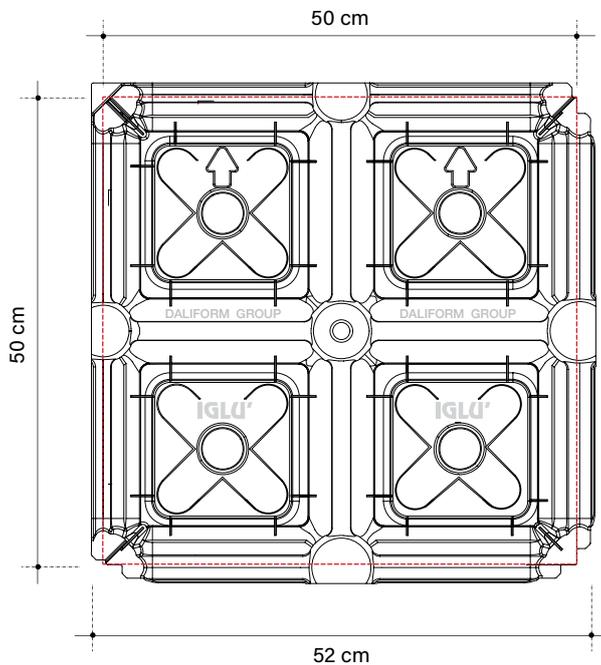
# IGLÙ' H 12 cm



**Ventilated under-floor cavities for civil and industrial buildings that are being built new or reconstructed. - Urban infrastructure structures: squares, sidewalks, sports facility.**

- Creation of an intermediate slab or roofing for cavities used for ventilation and the passage of systems.
- Rooms used for humidity and temperature control: drying cells, cold rooms, greenhouses, storage rooms and cellars.
- Underground pipes for the passage of utilities. Inspectionable cavities and pits.
- By filling it in simply with expanded clay, it can be used to create roof-top gardens.
- Underground ducts for the dispersion of water and for drainage.
- Overhead sidewalks for passenger loading and unloading or the creation of floating floors.
- Levelling height.

Made of ALAPLEN® CP30



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



**0,021 m<sup>3</sup>/m<sup>2</sup> Quantity (of concrete to the crown)\*\***

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

## PRESSURES AT THE BOTTOM OF THE STRUCTURE

IGLU'® h 12 cm

Loads <sup>[1]</sup> kN/m <sup>2</sup>	Slab cm	Mesh Ø mm maglia cm x cm	Thickness of the lean concrete cm	Pressure at pillar base <sup>[2]</sup> MPa
15	4	Ø5 / 25 x 25	5 7 10	0,126 0,082 0,050
50	5	Ø5 / 20 x 20	7 10 15	0,247 0,147 0,078
70	8	Ø6 / 20 x 20	10 15 20	0,205 0,108 0,067

<sup>[1]</sup> Characteristic values

<sup>[2]</sup> Project values (Ultimate SLU Limit State - Coefficients A1)

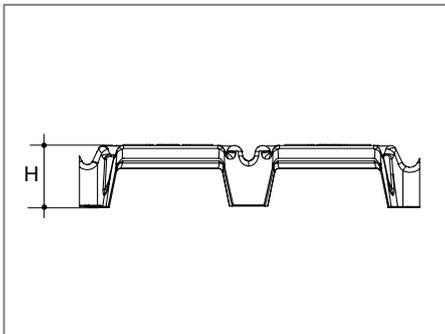
The table expresses, starting from the various examples of overload and of thickness (to be given to the slab), the pressures that would be applied to the feet of the structure, in relation to the (eventual) thicknesses of the lean concrete. The overload hypotheses are indicated in table as an example; the actual load capacity is far superior.

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## TECHNICAL DATA

IGLU'® H 12 cm



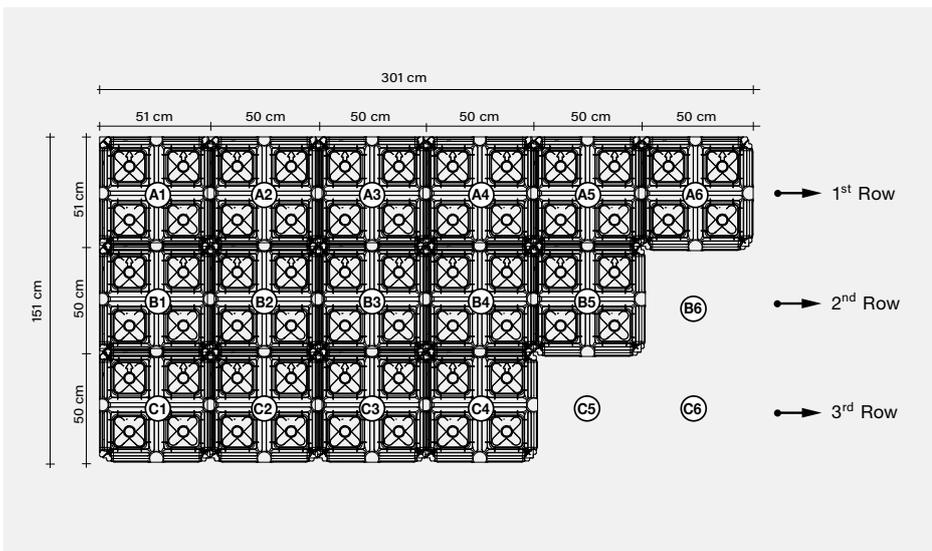
Useful size*	cm	50 x 50
Height H*	cm	12
Quantity of concrete to the crown**	m <sup>3</sup> /m <sup>2</sup>	0,021
Average piece weight	kg	0,865
Pallet dimensions	cm	110 x 110 x 249 h
M <sup>2</sup> pallet	m <sup>2</sup> /PAL	145
Pieces per pallet***	pcs/PAL	580
Pallet weight***	kg/PAL	515

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

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

\*\*\* For production necessity the technical data can be change.

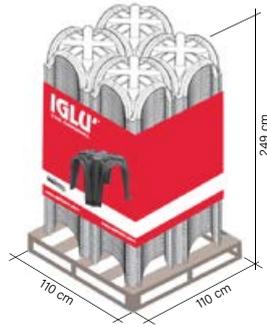
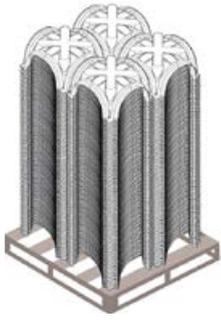
## DRY ASSEMBLY METHOD



To ensure a correct installation and perfectly created under-floor cavity please refer to the product's usage requirements.

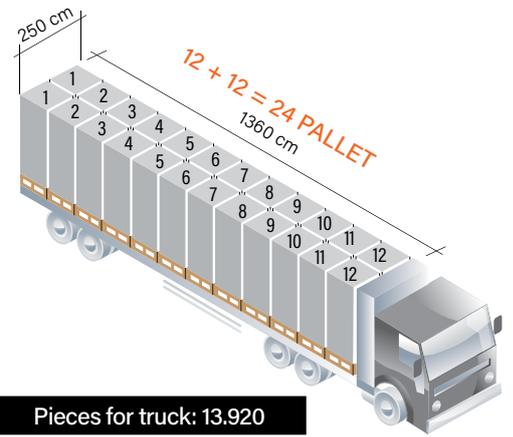
Dry-stone time-exposure of IGLU'®: 80 m<sup>2</sup>/h

## TECHNICAL PACKING AND TRUCKING



1 pallet: 4 piles of 145 pieces

Pieces for pallet: 580



Pieces for truck: 13.920

## 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.



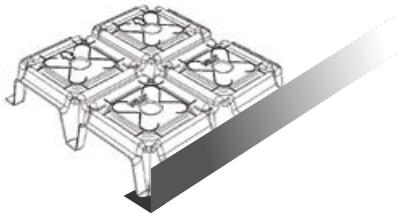
A label with the following informations: product's  
name and code, quantity, Certificate of the  
Environmental Compatibility, date of production, shift  
of production, n° of the worker, production line batch.

## CREDITS

- BBA;
- Declaration of Performance Conformity;
- Hygienic certificate;
- Acoustic check for verification of DIN standards;
- Avis Technique;
- 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.

## ACCESSORIES



### CASTING STOP L-PLAST

Useful size	cm	205 x 12+8
Thickness	cm	0,25
Piece weight	kg/pc	0,180
Package	m	50

**daliform**  
GROUP  
Building Innovation © Creatori dell'Iglù®

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Via Postumia Centro, 49 - 31040  
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Certified Management System  
UNI EN ISO 9001 - UNI EN ISO 14001 - UNI EN ISO 45001 - SA8000



Member of  
GBC Italy



The information contained in this catalogue could be changed. Please request updated informations from DALIFORM GROUP, which reserves the right to make changes at any moment without notice. In consideration of recycled material, it is specified that there are tolerance margins caused by environmental factors.

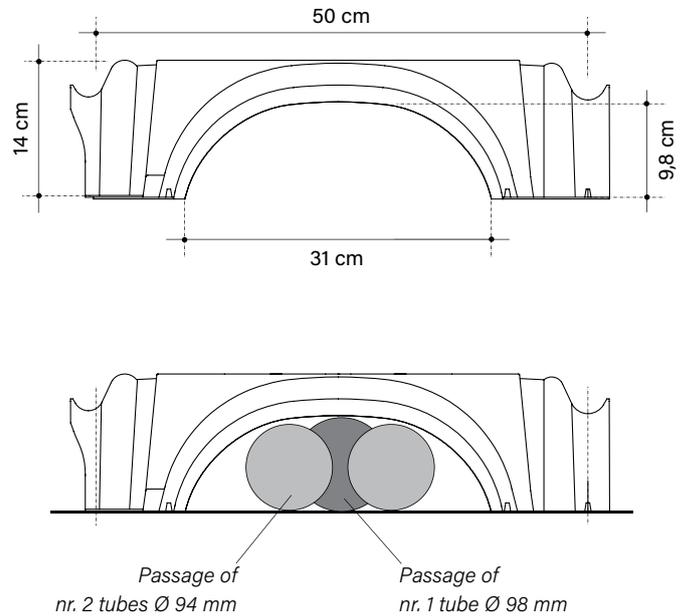
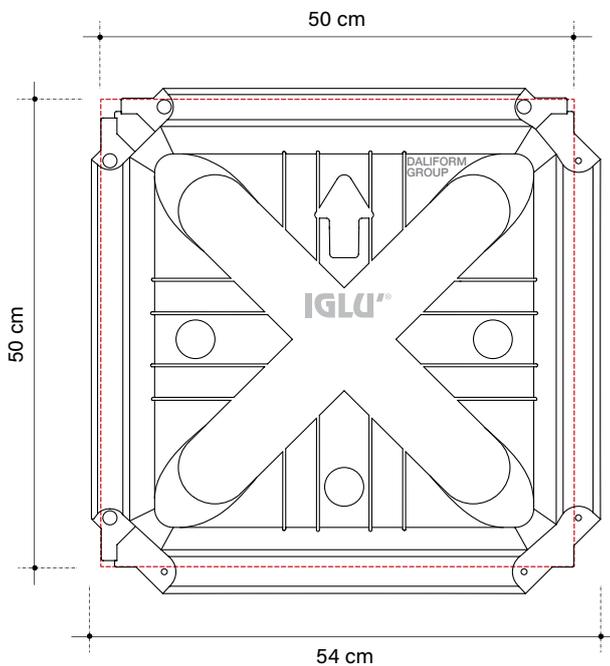
# IGLÙ' H 14 cm



**Ventilated under-floor cavities for civil and industrial buildings that are being built new or reconstructed. - Urban infrastructure structures: squares, sidewalks, sports facility.**

- Creation of an intermediate slab or roofing for cavities used for ventilation and the passage of systems.
- Rooms used for humidity and temperature control: drying cells, cold rooms, greenhouses, storage rooms and cellars.
- Underground pipes for the passage of utilities. Inspectionable cavities and pits.
- By filling it in simply with expanded clay, it can be used to create roof-top gardens.
- Underground ducts for the dispersion of water and for drainage.
- Overhead sidewalks for passenger loading and unloading or the creation of floating floors.
- Levelling height.

Made of ALAPLEN® CP30



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



**0,028 m<sup>3</sup>/m<sup>2</sup> Quantity (of concrete to the crown)\*\***

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

## PRESSURES AT THE BOTTOM OF THE STRUCTURE

IGLU'® h 14 cm

Loads <sup>[1]</sup> kN/m <sup>2</sup>	Slab cm	Mesh Ø mm maglia cm x cm	Thickness of the lean concrete cm	Pressure at pillar base <sup>[2]</sup> MPa
15	4	Ø5 / 25 x 25	5 10 15	0,130 0,065 0,040
50	5	Ø6 / 15 x 15	10 15 20	0,191 0,113 0,075
100	8	Ø8 / 20 x 20	15 20 25	0,219 0,145 0,103

<sup>[1]</sup> Characteristic values

<sup>[2]</sup> Project values (Ultimate SLU Limit State - Coefficients A1)

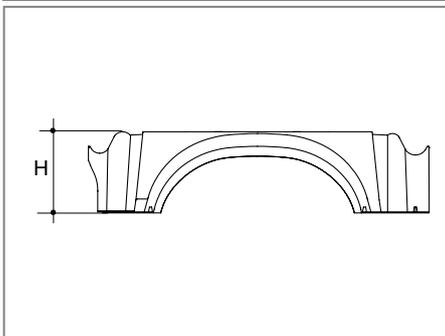
The table expresses, starting from the various examples of overload and of thickness (to be given to the slab), the pressures that would be applied to the feet of the structure, in relation to the (eventual) thicknesses of the lean concrete. The overload hypotheses are indicated in table as an example; the actual load capacity is far superior.

To know the exact values or sizing as shown in the project, contact the technical department.

The Technical Office is available to provide planning support both in the preliminary and in the executive phase to determine the technical characteristics of the structures, the related construction costs and perform comparative analyzes with alternative technical solutions. Upon request, it is also possible to take advantage of technical assistance on site.

## TECHNICAL DATA

IGLU'® H 14 cm



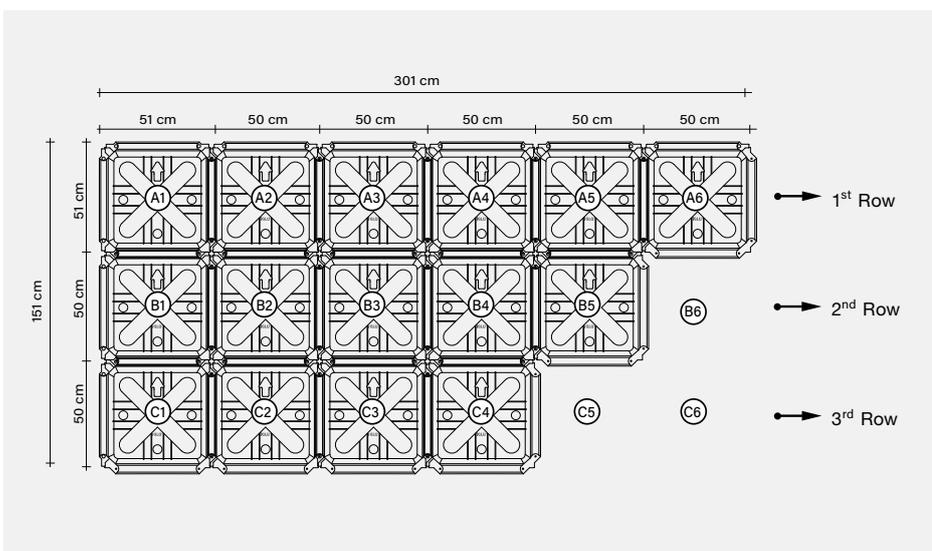
Useful size*	cm	50 x 50
Height H*	cm	14
Quantity of concrete to the crown**	m <sup>3</sup> /m <sup>2</sup>	0,028
Average piece weight	kg	0,963
Pallet dimensions	cm	110 x 110 x 248 h
M <sup>2</sup> pallet	m <sup>2</sup> /PAL	115
Pieces per pallet***	pcs/PAL	460
Pallet weight***	kg/PAL	456

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

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

\*\*\* For production necessity the technical data can be change.

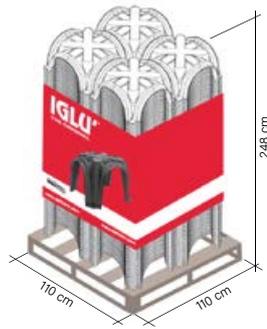
## DRY ASSEMBLY METHOD



To ensure a correct installation and perfectly created under-floor cavity please refer to the product's usage requirements.

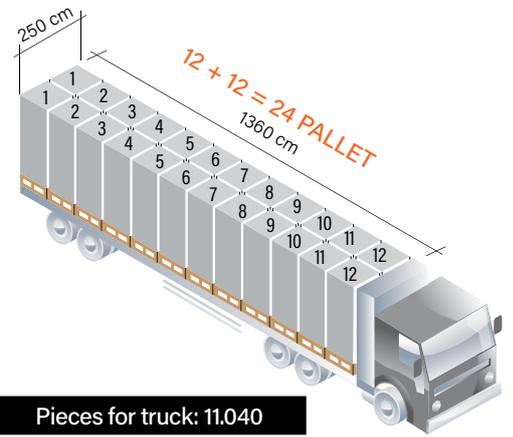
Dry-stone time-exposure of IGLU'®: 80 m<sup>2</sup>/h

## TECHNICAL PACKING AND TRUCKING



1 pallet: 4 piles of 115 pieces

Pieces for pallet: 460



Pieces for truck: 11.040

## 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.



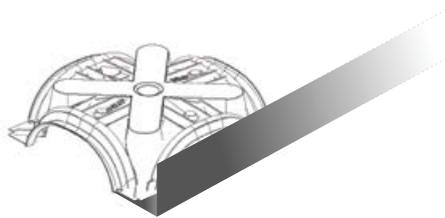
A label with the following informations: product's  
name and code, quantity, Certificate of the  
Environmental Compatibility, date of production, shift  
of production, n° of the worker, production line batch.

## CREDITS

- BBA;
- Declaration of Performance Conformity;
- Hygienic certificate;
- Acoustic check for verification of DIN standards;
- Avis Technique;
- Rupture load tests;
- Productive process monitoring tests;
- Certificate of Environmental Compatibility.

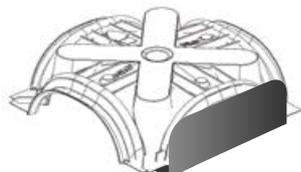
The product does not fear the weather and can be stored outside. Take the utmost care to prevent the product from being deformed or overstressed during the unloading, storage and assembly. In case of disposal the product is totally recyclable.

## ACCESSORIES



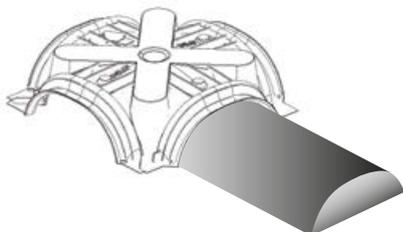
### CASTING STOP L-PLAST

Useful size	cm	205 x 12+8
Thickness	cm	0,25
Piece weight	kg/pc	0,205
Package	m	50



### CASTING STOP PIBIStop

Max Height	cm	14+2+2+2+5
Max Width	cm	40
Thickness	cm	0,40
Package	pcs	25



### EXTENSION

Width	cm	31,1
Depth	cm	min. 10 max. 50
Height	cm	9,8

### EXTENSION

Width	cm	33
Depth	cm	32
Height	cm	12

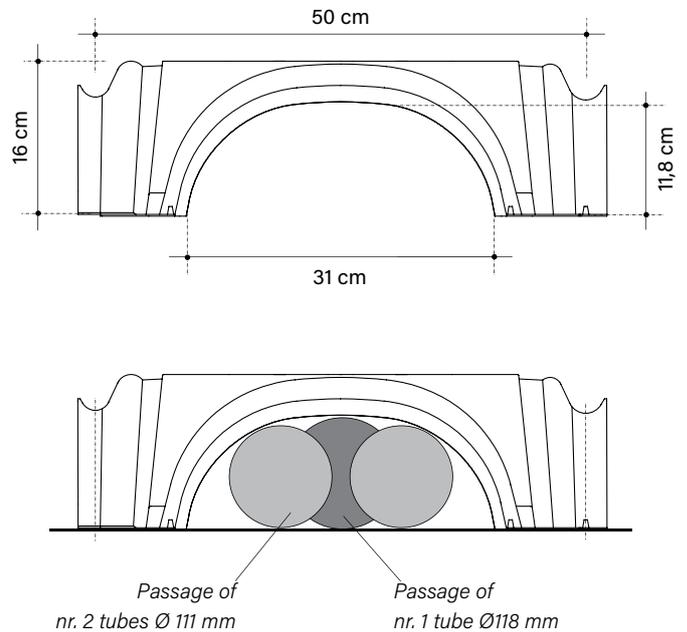
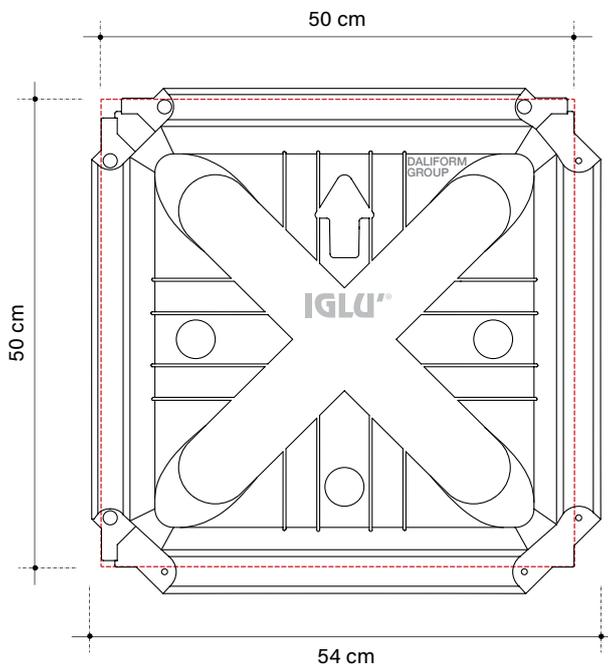
# IGLÙ' H 16 cm



**Ventilated under-floor cavities for civil and industrial buildings that are being built new or reconstructed. - Urban infrastructure structures: squares, sidewalks, sports facility.**

- Creation of an intermediate slab or roofing for cavities used for ventilation and the passage of systems.
- Rooms used for humidity and temperature control: drying cells, cold rooms, greenhouses, storage rooms and cellars.
- Underground pipes for the passage of utilities. Inspectionable cavities and pits.
- By filling it in simply with expanded clay, it can be used to create roof-top gardens.
- Underground ducts for the dispersion of water and for drainage.
- Overhead sidewalks for passenger loading and unloading or the creation of floating floors.
- Levelling height.

Made of ALAPLEN® CP30



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



**0,030 m<sup>3</sup>/m<sup>2</sup> Quantity (of concrete to the crown)\*\***

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

## PRESSURES AT THE BOTTOM OF THE STRUCTURE

IGLU'® h 16 cm

Loads <sup>[1]</sup> kN/m <sup>2</sup>	Slab cm	Mesh Ø mm maglia cm x cm	Thickness of the lean concrete cm	Pressure at pillar base <sup>[2]</sup> MPa
15	4	Ø5 / 25 x 25	5 10 15	0,133 0,066 0,040
50	5	Ø6 / 15 x 15	10 15 20	0,194 0,115 0,076
100	8	Ø8 / 20 x 20	15 20 25	0,222 0,146 0,104

<sup>[1]</sup> Characteristic values

<sup>[2]</sup> Project values (Ultimate SLU Limit State - Coefficients A1)

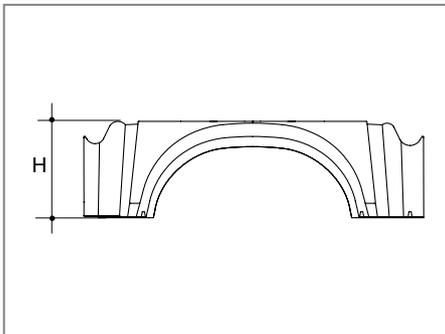
The table expresses, starting from the various examples of overload and of thickness (to be given to the slab), the pressures that would be applied to the feet of the structure, in relation to the (eventual) thicknesses of the lean concrete. The overload hypotheses are indicated in table as an example; the actual load capacity is far superior.

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## TECHNICAL DATA

IGLU'® H 16 cm



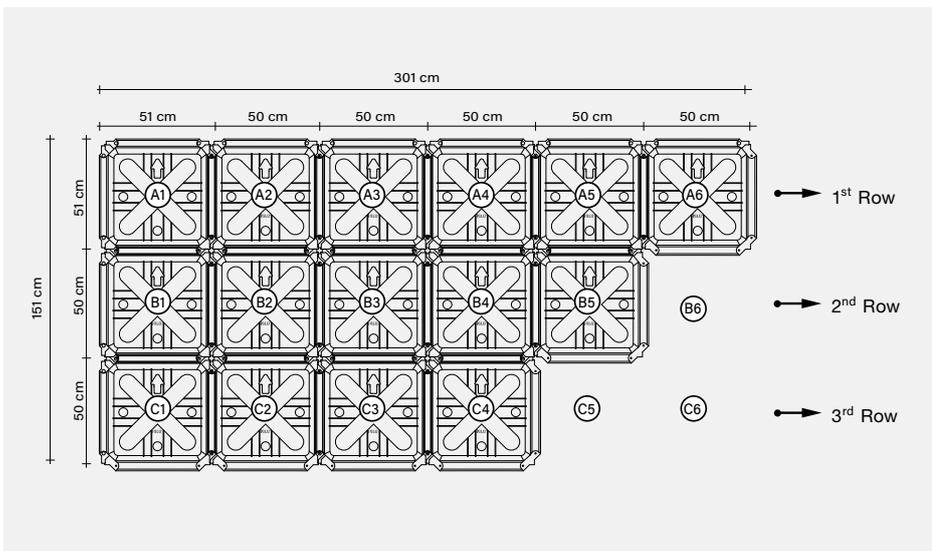
Useful size*	cm	50 x 50
Height H*	cm	16
Quantity of concrete to the crown**	m <sup>3</sup> /m <sup>2</sup>	0,030
Average piece weight	kg	0,984
Pallet dimensions	cm	110 x 110 x 250 h
M <sup>2</sup> pallet	m <sup>2</sup> /PAL	115
Pieces per pallet***	pcs/PAL	460
Pallet weight***	kg/PAL	466

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

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

\*\*\* For production necessity the technical data can be change.

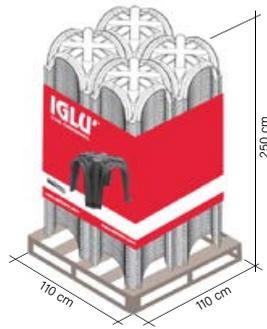
## DRY ASSEMBLY METHOD



To ensure a correct installation and perfectly created under-floor cavity please refer to the product's usage requirements.

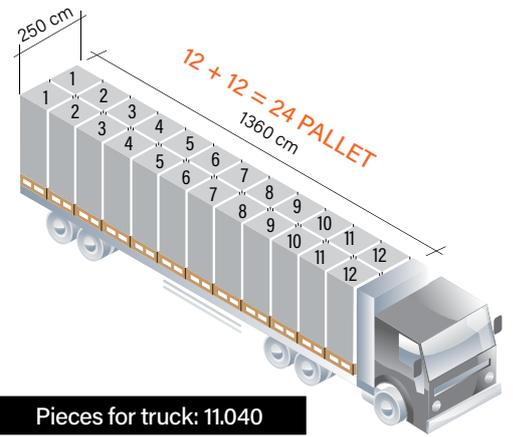
Dry-stone time-exposure of IGLU'®: 80 m<sup>2</sup>/h

## TECHNICAL PACKING AND TRUCKING



1 pallet: 4 piles of 115 pieces

Pieces for pallet: 460



Pieces for truck: 11.040

## 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.



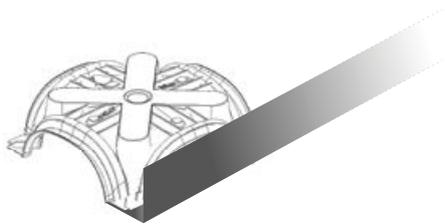
A label with the following informations: product's  
name and code, quantity, Certificate of the  
Environmental Compatibility, date of production, shift  
of production, n° of the worker, production line batch.

## CREDITS

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- Acoustic check for verification of DIN standards;
- Avis Technique;
- Rupture load tests;
- Productive process monitoring tests;
- Certificate of Environmental Compatibility.

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## ACCESSORIES



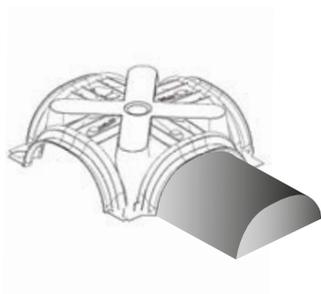
### CASTING STOP L-PLAST

Useful size	cm	205 x 14+7
Thickness	cm	0,25
Piece weight	kg/pc	0,390
Package	m	50



### CASTING STOP PIBIStop

Max Height	cm	14+2+2+2+5
Max Width	cm	40
Thickness	cm	0,40
Package	pcs	25



### EXTENSION

Width	cm	31,5
Depth	cm	min. 10 max. 50
Height	cm	12,0

### EXTENSION

Width	cm	33
Depth	cm	33
Height	cm	14

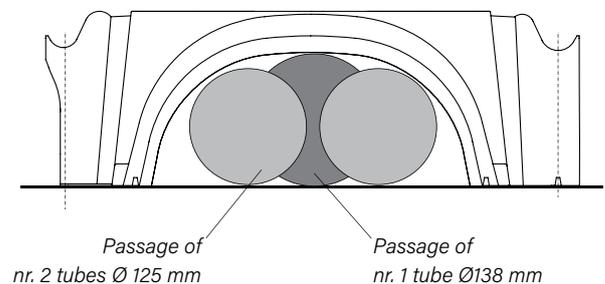
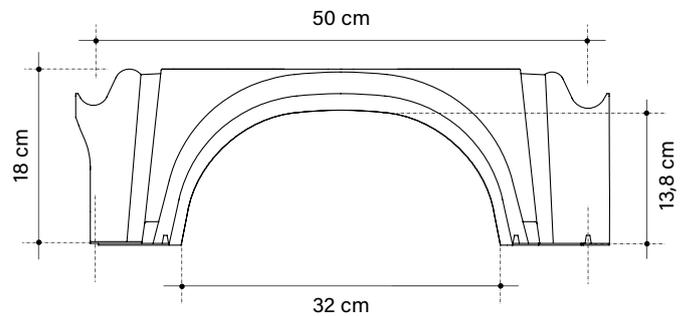
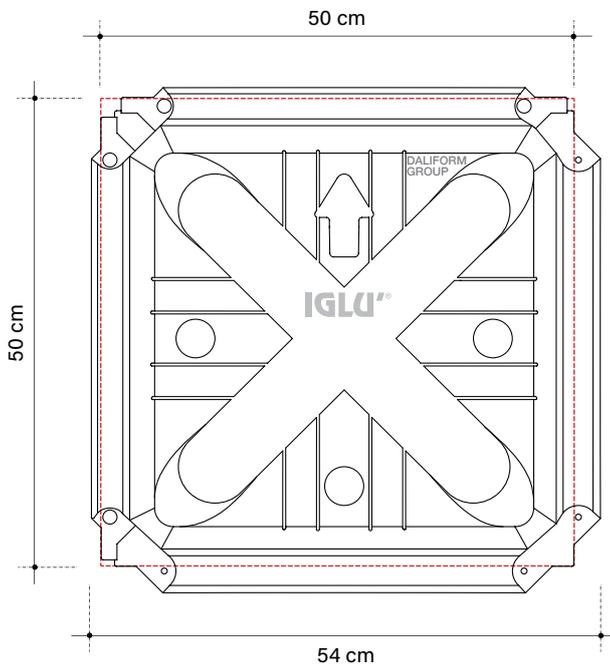
# IGLÙ' H 18 cm



**Ventilated under-floor cavities for civil and industrial buildings that are being built new or reconstructed. - Urban infrastructure structures: squares, sidewalks, sports facility.**

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- Underground pipes for the passage of utilities. Inspectionable cavities and pits.
- By filling it in simply with expanded clay, it can be used to create roof-top gardens.
- Underground ducts for the dispersion of water and for drainage.
- Overhead sidewalks for passenger loading and unloading or the creation of floating floors.
- Levelling height.

Made of ALAPLEN® CP30



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



**0,033 m<sup>3</sup>/m<sup>2</sup> Quantity (of concrete to the crown)\*\***

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

## PRESSURES AT THE BOTTOM OF THE STRUCTURE

IGLU'® h 18 cm

Loads <sup>[1]</sup> kN/m <sup>2</sup>	Slab cm	Mesh Ø mm maglia cm x cm	Thickness of the lean concrete cm	Pressure at pillar base <sup>[2]</sup> MPa
15	4	Ø5 / 25 x 25	5 10 15	0,139 0,068 0,041
50	5	Ø6 / 15 x 15	10 15 20	0,200 0,117 0,078
100	8	Ø8 / 20 x 20	15 20 25	0,227 0,149 0,105

<sup>[1]</sup> Characteristic values

<sup>[2]</sup> Project values (Ultimate SLU Limit State - Coefficients A1)

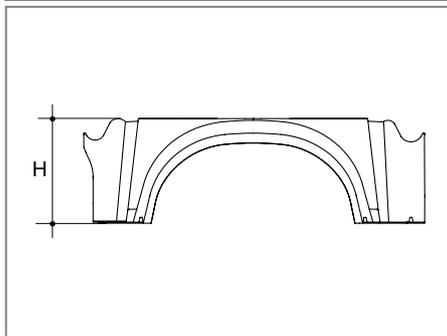
The table expresses, starting from the various examples of overload and of thickness (to be given to the slab), the pressures that would be applied to the feet of the structure, in relation to the (eventual) thicknesses of the lean concrete. The overload hypotheses are indicated in table as an example; the actual load capacity is far superior.

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## TECHNICAL DATA

IGLU'® H 18 cm



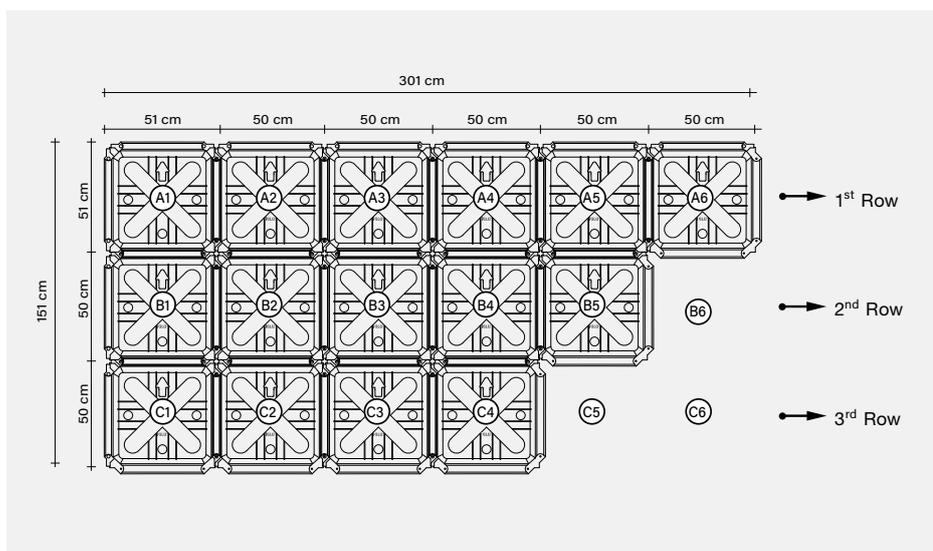
Useful size*	cm	50 x 50
Height H*	cm	18
Quantity of concrete to the crown**	m <sup>3</sup> /m <sup>2</sup>	0,033
Average piece weight	kg	1,179
Pallet dimensions	cm	110 x 110 x 250 h
M <sup>2</sup> pallet	m <sup>2</sup> /PAL	95
Pieces per pallet***	pcs/PAL	380
Pallet weight***	kg/PAL	461

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

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

\*\*\* For production necessity the technical data can be change.

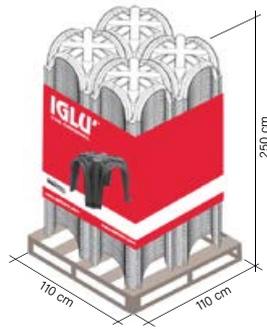
## DRY ASSEMBLY METHOD



 To ensure a correct installation and perfectly created under-floor cavity please refer to the product's usage requirements.

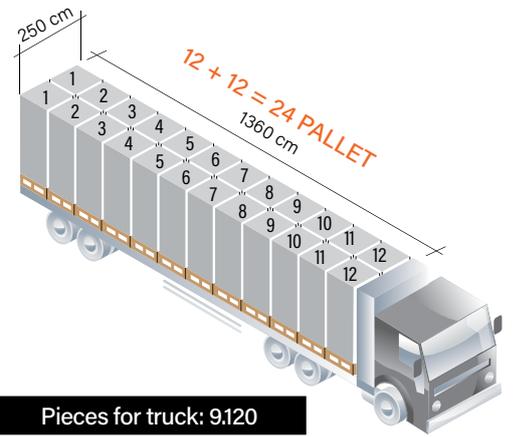
Dry-stone time-exposure of IGLU'®: 80 m<sup>2</sup>/h

## TECHNICAL PACKING AND TRUCKING



1 pallet: 4 piles of 95 pieces

Pieces for pallet: 380



Pieces for truck: 9,120

## 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.



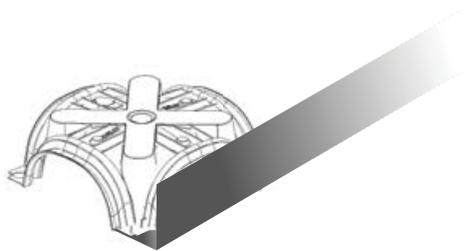
A label with the following informations: product's  
name and code, quantity, Certificate of the  
Environmental Compatibility, date of production, shift  
of production, n° of the worker, production line batch.

## CREDITS

- BBA;
- Declaration of Performance Conformity;
- Hygienic certificate;
- Acoustic check for verification of DIN standards;
- Avis Technique;
- Rupture load tests;
- Productive process monitoring tests;
- Certificate of Environmental Compatibility.

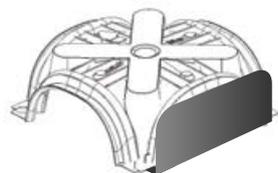
The product does not fear the weather and can be stored outside. Take the utmost care to prevent the product from being deformed or overstressed during the unloading, storage and assembly. In case of disposal the product is totally recyclable.

## ACCESSORIES



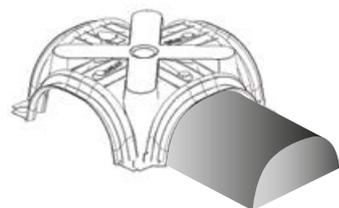
### CASTING STOP L-PLAST

Useful size	cm	205 x 18+7
Thickness	cm	0,25
Piece weight	kg/pc	0,257
Package	m	50



### CASTING STOP PIBIStop

Max Height	cm	14+2+2+2+5
Max Width	cm	40
Thickness	cm	0,40
Package	pcs	25



### EXTENSION

Width	cm	33,1
Depth	cm	min. 10 max. 50
Height	cm	14,0

### EXTENSION

Width	cm	34
Depth	cm	33
Height	cm	16

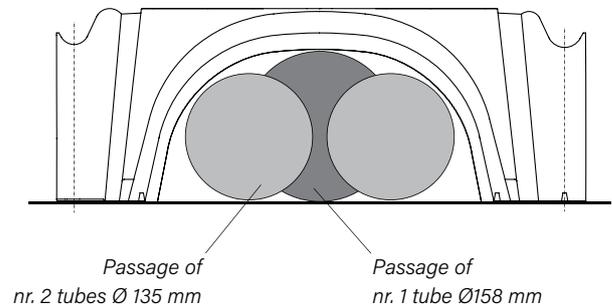
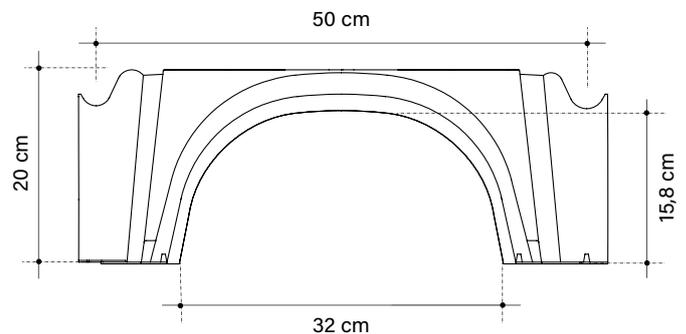
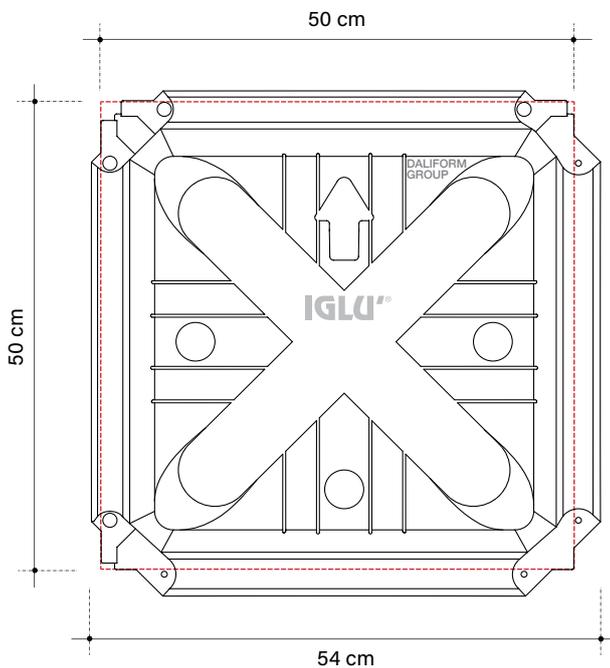
# IGLÙ' H 20 cm



**Ventilated under-floor cavities for civil and industrial buildings that are being built new or reconstructed. - Urban infrastructure structures: squares, sidewalks, sports facility.**

- Creation of an intermediate slab or roofing for cavities used for ventilation and the passage of systems.
- Rooms used for humidity and temperature control: drying cells, cold rooms, greenhouses, storage rooms and cellars.
- Underground pipes for the passage of utilities. Inspectionable cavities and pits.
- By filling it in simply with expanded clay, it can be used to create roof-top gardens.
- Underground ducts for the dispersion of water and for drainage.
- Overhead sidewalks for passenger loading and unloading or the creation of floating floors.
- Levelling height.

Made of ALAPLEN® CP30



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



**0,034 m<sup>3</sup>/m<sup>2</sup> Quantity (of concrete to the crown)\*\***

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

## PRESSURES AT THE BOTTOM OF THE STRUCTURE

IGLU'® h 20 cm

Loads <sup>[1]</sup> kN/m <sup>2</sup>	Slab cm	Mesh Ø mm maglia cm x cm	Thickness of the lean concrete cm	Pressure at pillar base <sup>[2]</sup> MPa
15	4	Ø5 / 25 x 25	5	0,144
			10	0,070
			15	0,042
50	5	Ø6 / 15 x 15	10	0,205
			15	0,119
			20	0,079
100	8	Ø8 / 20 x 20	15	0,231
			20	0,151
			25	0,106

<sup>[1]</sup> Characteristic values

<sup>[2]</sup> Project values (Ultimate SLU Limit State - Coefficients A1)

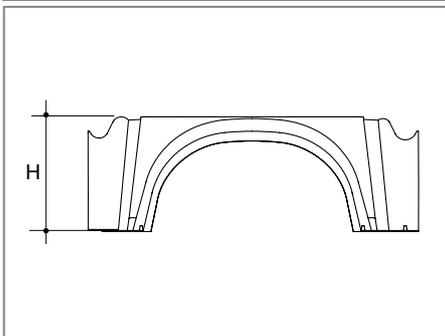
The table expresses, starting from the various examples of overload and of thickness (to be given to the slab), the pressures that would be applied to the feet of the structure, in relation to the (eventual) thicknesses of the lean concrete. The overload hypotheses are indicated in table as an example; the actual load capacity is far superior.

To know the exact values or sizing as shown in the project, contact the technical department.

The Technical Office is available to provide planning support both in the preliminary and in the executive phase to determine the technical characteristics of the structures, the related construction costs and perform comparative analyzes with alternative technical solutions. Upon request, it is also possible to take advantage of technical assistance on site.

## TECHNICAL DATA

IGLU'® H 20 cm



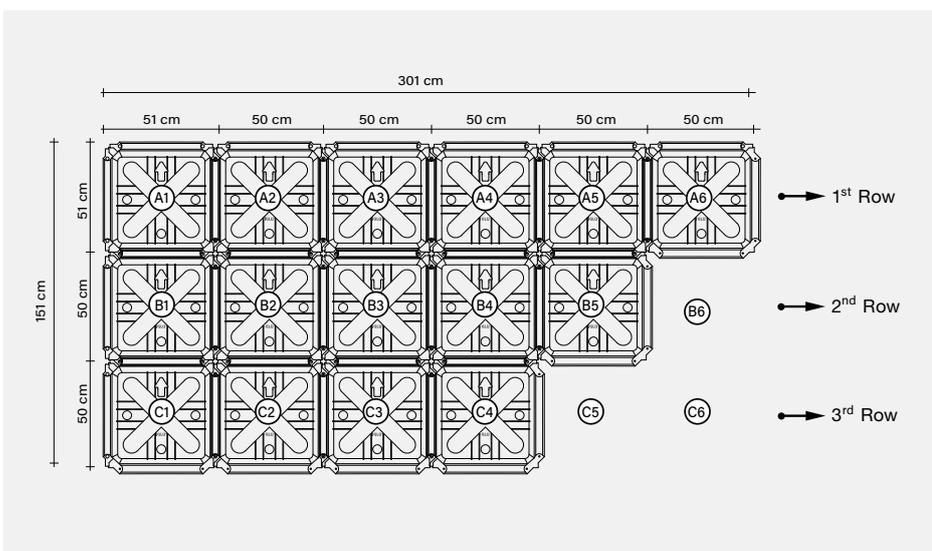
Useful size*	cm	50 x 50
Height H*	cm	20
Quantity of concrete to the crown**	m <sup>3</sup> /m <sup>2</sup>	0,034
Average piece weight	kg	1,038
Pallet dimensions	cm	110 x 110 x 251 h
M <sup>2</sup> pallet	m <sup>2</sup> /PAL	115
Pieces per pallet***	pcs/PAL	460
Pallet weight***	kg/PAL	491

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

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

\*\*\* For production necessity the technical data can be change.

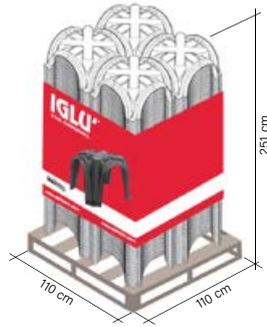
## DRY ASSEMBLY METHOD



⚠ To ensure a correct installation and perfectly created under-floor cavity please refer to the product's usage requirements.

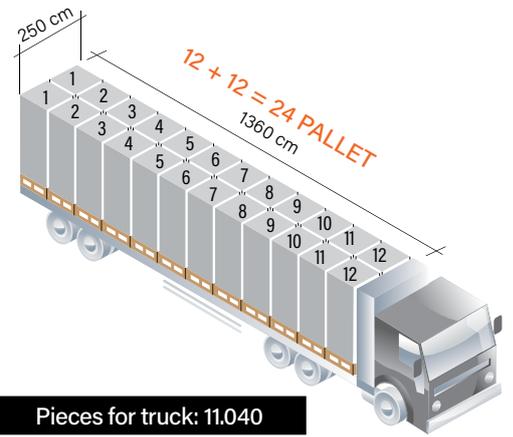
Dry-stone time-exposure of IGLU'®: 80 m<sup>2</sup>/h

## TECHNICAL PACKING AND TRUCKING



1 pallet: 4 piles of 115 pieces

Pieces for pallet: 460



Pieces for truck: 11.040

## 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.



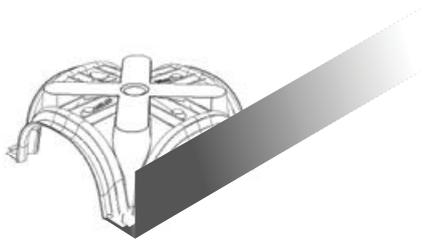
A label with the following informations: product's  
name and code, quantity, Certificate of the  
Environmental Compatibility, date of production, shift  
of production, n° of the worker, production line batch.

## CREDITS

- BBA;
- Declaration of Performance Conformity;
- Hygienic certificate;
- Acoustic check for verification of DIN standards;
- Avis Technique;
- Rupture load tests;
- Productive process monitoring tests;
- Certificate of Environmental Compatibility.

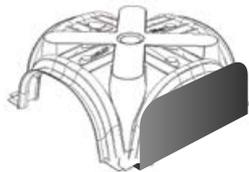
The product does not fear the weather and can be stored outside. Take the utmost care to prevent the product from being deformed or overstressed during the unloading, storage and assembly. In case of disposal the product is totally recyclable.

## ACCESSORIES



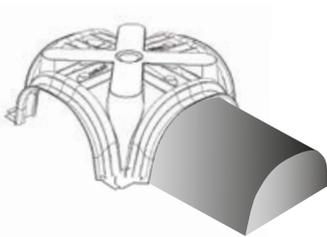
### CASTING STOP L-PLAST

Useful size	cm	205 x 18+7
Thickness	cm	0,25
Piece weight	kg/pc	0,257
Package	m	50



### CASTING STOP PIBIStop

Max Height	cm	14+2+2+2+5
Max Width	cm	40
Thickness	cm	0,40
Package	pcs	25



### EXTENSION

Width	cm	34,3
Depth	cm	min. 10 max. 50
Height	cm	16,2

### EXTENSION

Width	cm	35
Depth	cm	34
Height	cm	18