

# KOPRON EMERGENCY UNIT

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# Easy to install covers for emergencies and first aid

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## \_01

### **BASIC MODULE**

Width mm 6000

Usable height mm 3000

Depth mm 6000

## \_02

### **ADDITIONAL MODULES**

Additional modules can be easily locked onto or added to the basic module, by width or by depth:

Width 6000 mm

Useful height mm 3000

Depth 6000 mm

## \_03

### **FRONTAL SIDE**

Each coverage will have in the two faces:

N. 2 front panels and part below with sliding curtains in two lots or with fixed infill and access doors for users and stretchers.



# Descriptions

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## \_01

### METAL COVERS

The load-bearing metal structure is made with hot-dip galvanized steel tubes with sendzimir method, entirely made with automatic numerical control machines that autonomously manage the processing, from the picking of the bars to the palletisation of the finished product. To date, Koprón SpA is the only company in Europe to produce these structures with the latest generation fully robotic machinery.

This type of equipment guarantees maximum precision (1/10 mm) in each phase of the processing.

The joints are made by means of molded plates and 8.8 are used to assemble them.

All possible angles that could create friction with the roof covering are rounded. These materials make up the trusses, which are joined together by fixed spacers designed to create a series of double arches. These parts are completely bolted together, making disassembly and replacement easy in case of damage.

The sheds are designed to be installed with stakes fixed to the floor and in the case of inadequate flooring, ballast will be used for fixing it to the floor.

The structure is tensioned by CE marked ratchet traction belts or structural chains.

## \_02

### COVERING COATS

The cover is made of PVC, coated with a fireproof EN13501-1 treatment (see technical data sheet of the fabric).

The mantle is equipped with special heat-sealed plates that house metal half-rings that allow it to be fixed in a solid way to the metal carpentry structure by means of special high-strength belts. Among all those on the market, this type of fastening is the least economical system, but certainly the one that offers the best guarantees of tightness and dimensional stability of the sheet.

The covering layer guarantees maximum impermeability to atmospheric agents.

## Descriptions

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### \_03

OPTIONAL FOR EVERY SINGLE COVER Generator

min 3 kw

- Electrical system n. 6 sockets 16 euroschuko amps

- Lighting system includes:

- supply of pre-wired system with n. 3 IP65 watertight led lighting fixtures of 45W each. (About 7000 lumens each). The interdistance of the lamps in place will be mt. 4.8 to obtain about 100 lux (3 trusses), placed in the center of the structure, will be connected to each other with CPR FG16 3x1.5 mmq cable and related junction boxes with control panel and IP55 protection, complete with differential thermal magnetic circuit breaker. An electrically protected euroschuko socket will be provided in the panel. Everything can be assembled with PVC clamps directly on the structure and chains with hook already inserted on the lamps

- Supply of heat pump air conditioner. Thanks to this feature it is can heat up.

- Power: 2.3 kW - 2.7kW

- HP Heat pump

- Double class A

- R410A refrigerant gas \*

- Wall installation at the top or bottom

- Easy installation: everything is installed from the inside in a few minutes

- Raised flooring H. 100 mm on a suitable intertwined metal support structure with composite wood slabs and covered with vinyl flooring, composed of a heterogeneous multi-layered indelaminable structure. The wear layer is in high concentration PVC. The hygienic characteristics of the floor are permanently ensured by the particular SANITIZED antibacterial treatment.

- In addition, it will be possible to prepare and supply internal dividers with sliding curtains every 2 meters both for the length of the roof and for the width, dividing the roof into internal sectors.

The heads are equipped with triangular fronts made with PVC membranes, anchored to the structure in carpentry by means of special fiberglass profiles.

The front and / or rear heads can be closed with sliding curtains that can be opened in two batches complete with windproof posts, ground bolts, tensioning belts, handles and closing hooks.

## \_01

### **NORMATIVE REQUIREMENTS**

Reference standard: UNI EN 13782: Temporary structures, Tents

## \_02

### **TECHNICAL SHEET OF THE FABRIC**

SUPPORT (DIN 60 001): PES

THREAD TITLE (EN ISO 2060): 1100 dtex

REINFORCEMENT (DIN ISO 9354): 9 x 9

TYPE OF COATING: PVC

TOTAL WEIGHT (DIN EN ISO 2286-2): 900 g / m<sup>2</sup> on site

TENSILE STRENGTH (DIN EN ISO 1421): 3000/3000 N / 5cm

BREAKING RESISTANCE (DIN 53 363): 300/300

ADHERENCE (DIN EN ISO 2411): 120 N / 5cm

COLD RESISTANCE (DIN EN 1876-1): -30 ° C

HEAT RESISTANCE (IVK / Pkt.5): + 70 ° C

SOLIDITY TO LIGHT (DIN EN ISO 105-B02): min. 7

BENDING RESISTANCE (DIN 53359 A): no tearing verified after 100,000 bends FIRE

RESISTANCE CLASS: B s2 d0 / EN 13501-1

FINISHING: glossy lacquered on both sides

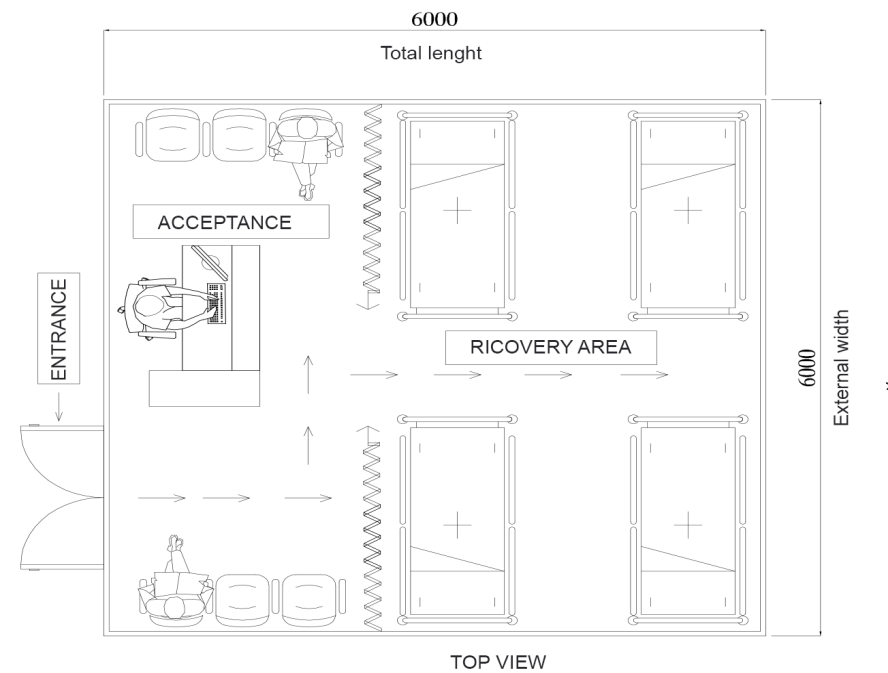
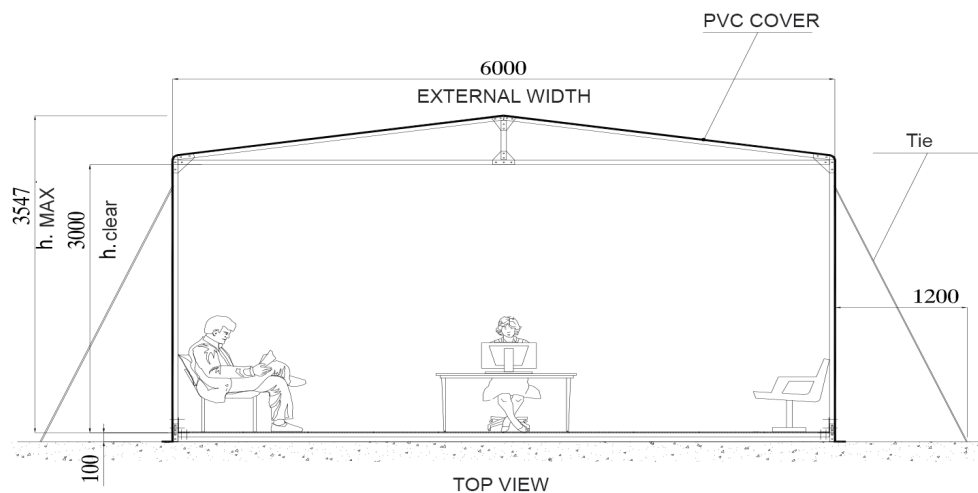
## \_03

### **GUARANTEE CONDITIONS**

GALVANIZED STRUCTURE: 10

YEARS COVERING: 6 YEARS

# Basic module



## SHEET COVER INFORMATION:

$m^2$  covered area = 36  $m^2$

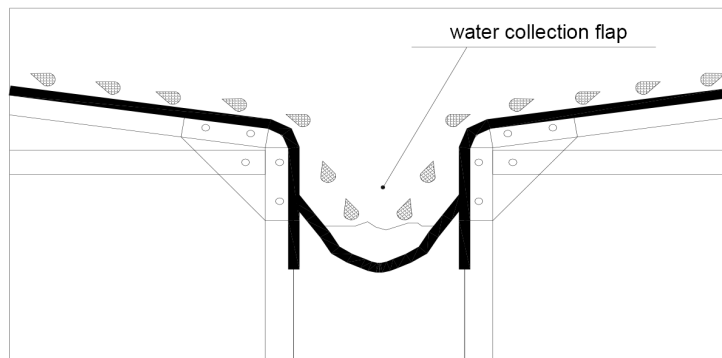
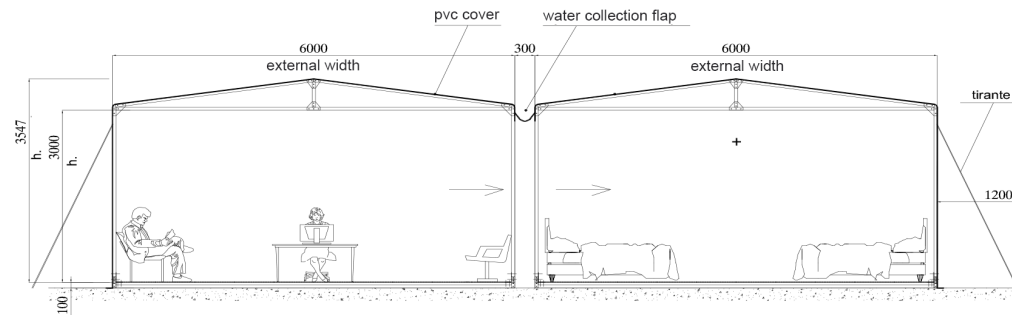
$m^3$  tot. = 108  $m^3$

acceptance area = n. 1

maximum sleeping capacity = n. 4



# Examples of additional modules

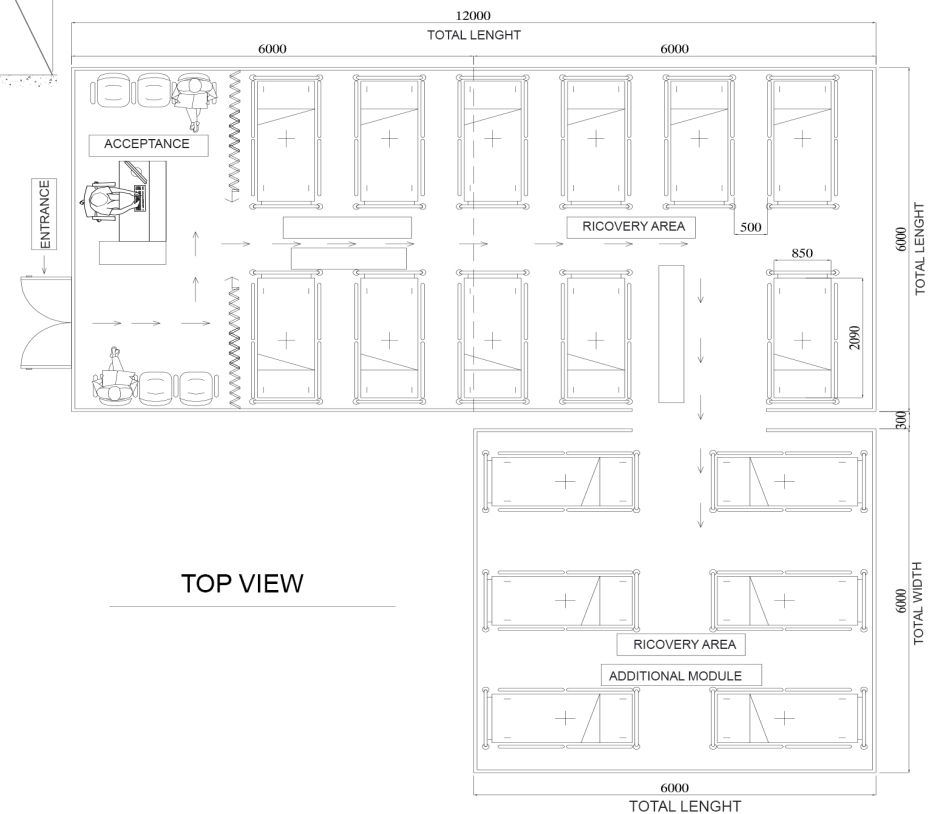


## BASIC COVER INFORMATION:

mq covered area = 36 mq  
 total m<sup>3</sup> = 122,76 m<sup>3</sup>  
 acceptance area = n. 1  
 maximum sleeping capacity = n. 6

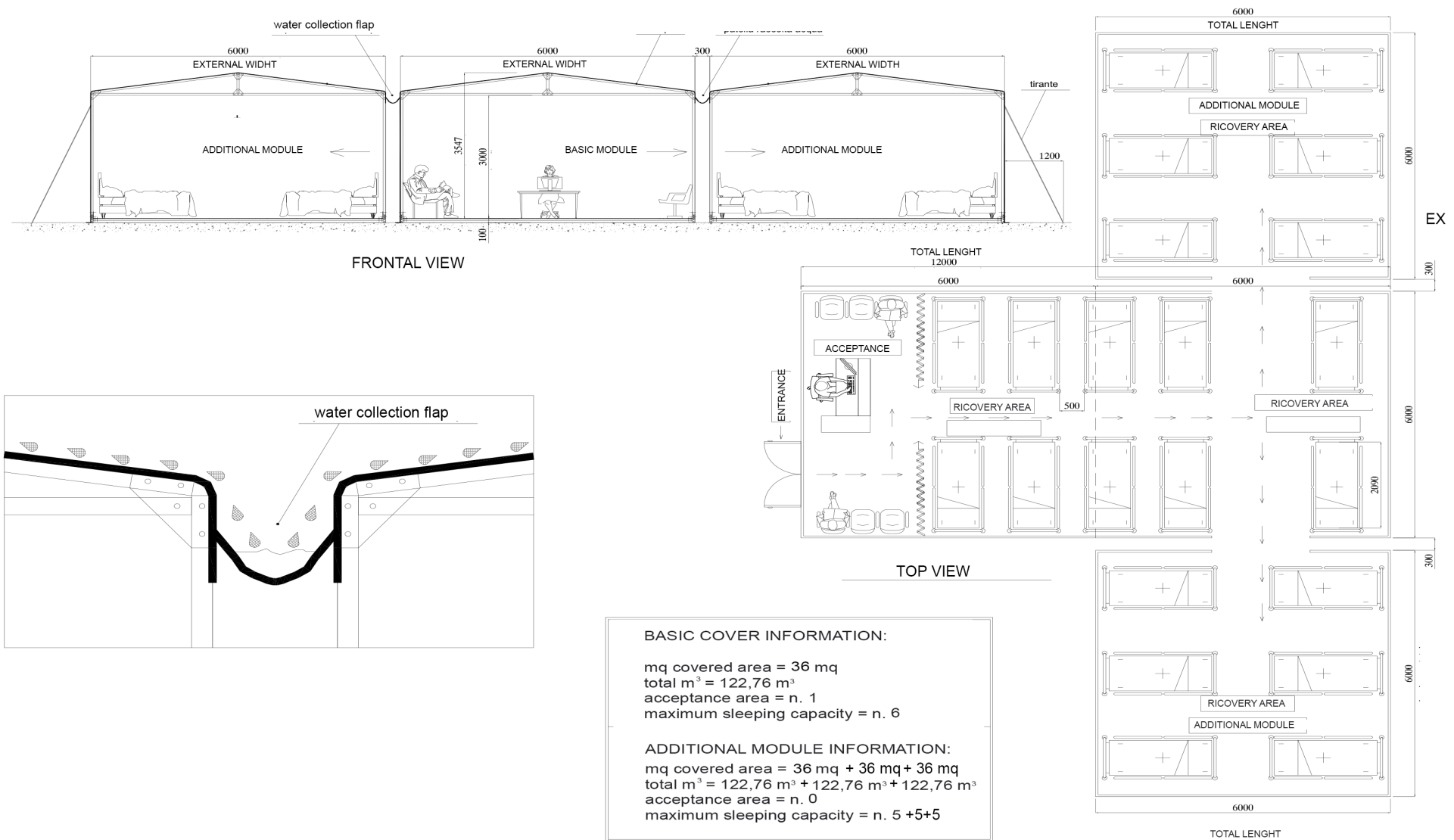
## ADDITIONAL MODULE INFORMATION:

mq covered area = 36 mq  
 total m<sup>3</sup> = 122,76 m<sup>3</sup>  
 acceptance area = n. 0  
 maximum sleeping capacity = n. 5

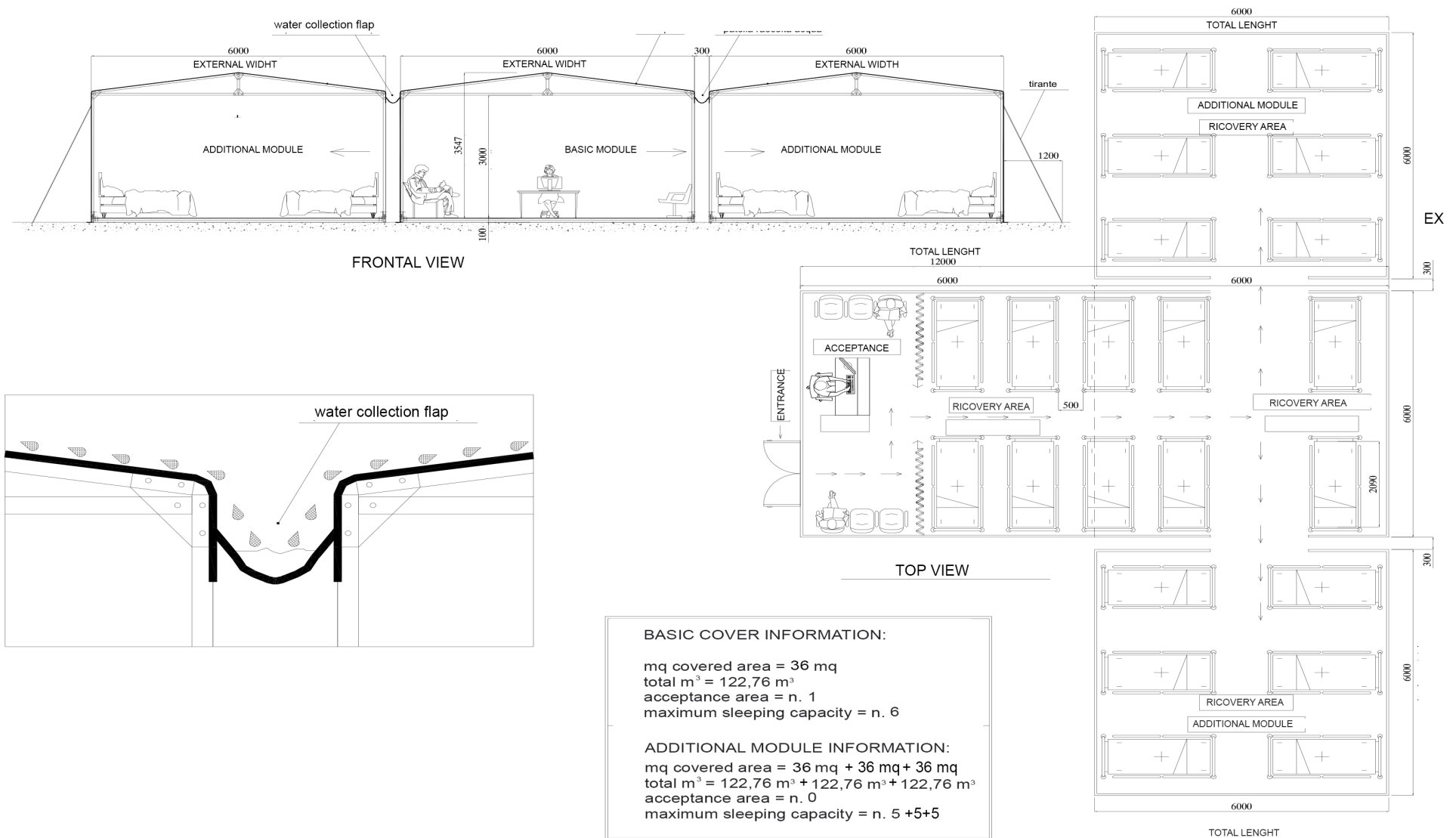


TOP VIEW

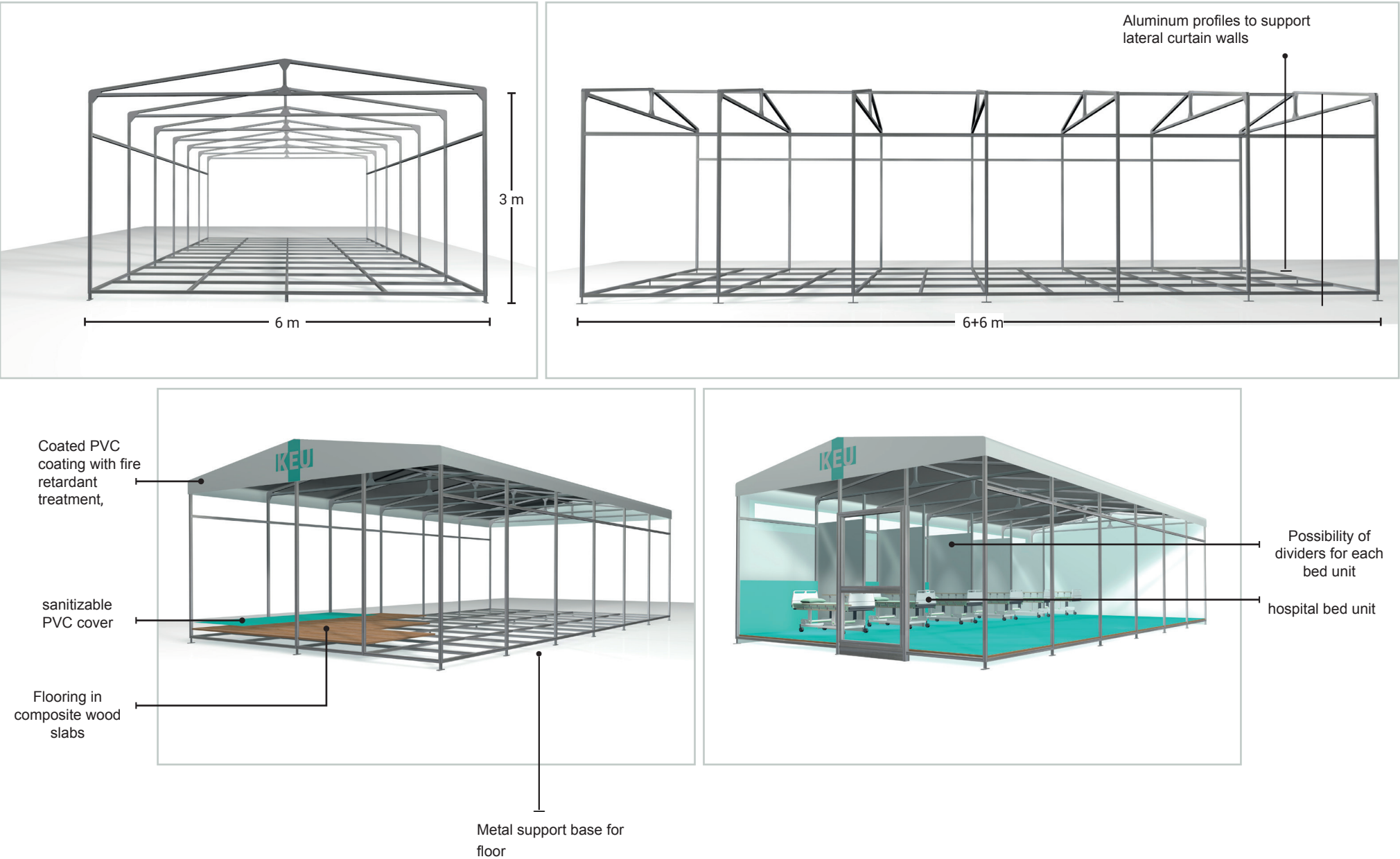
# Examples of additional modules



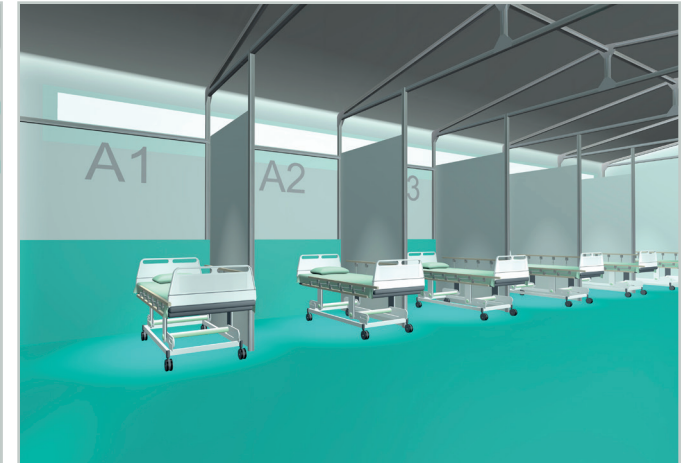
# Examples of additional modules



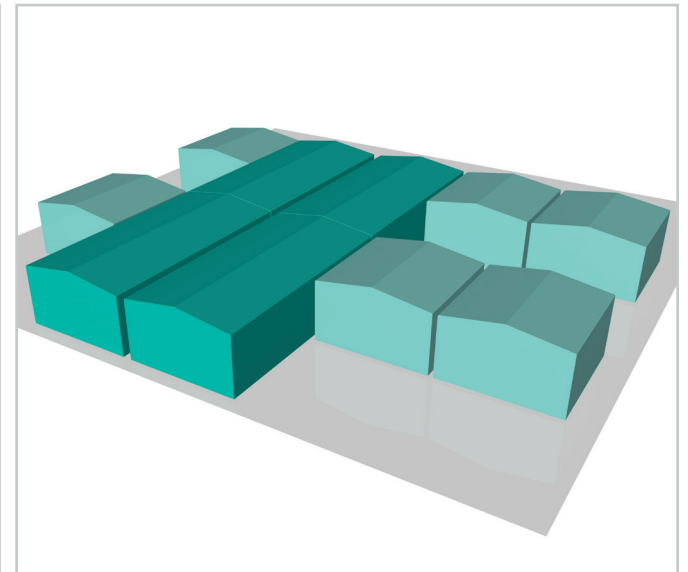
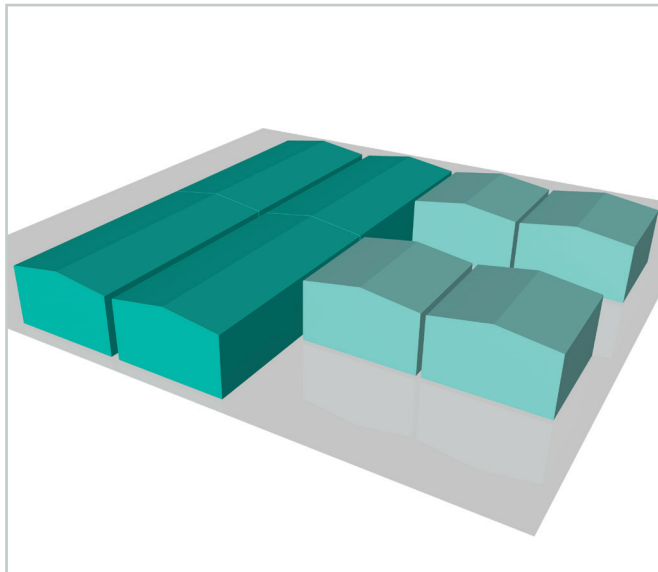
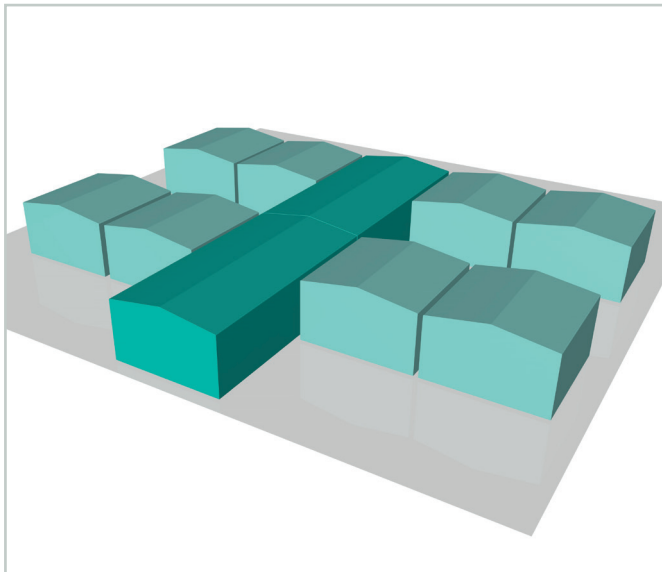
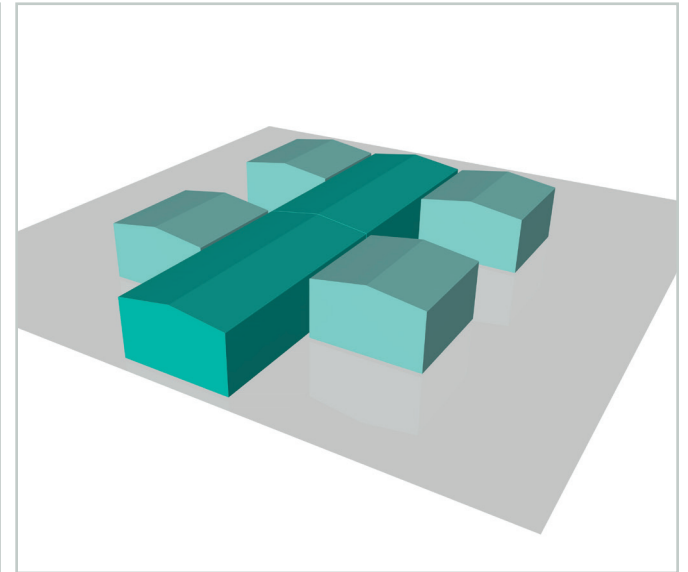
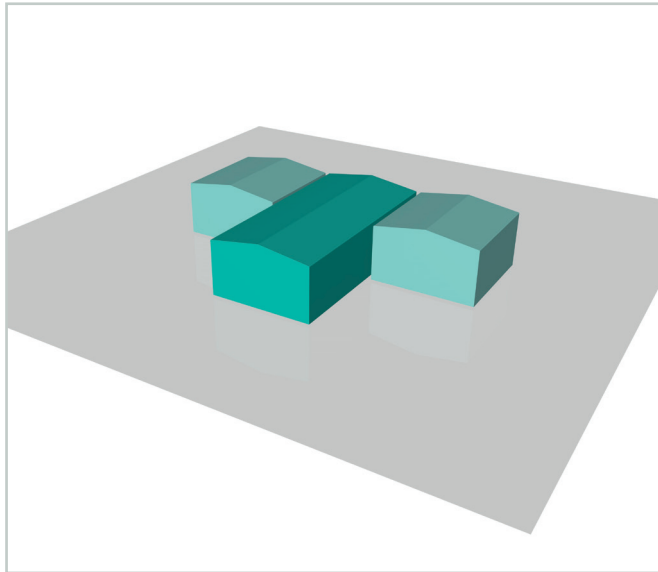
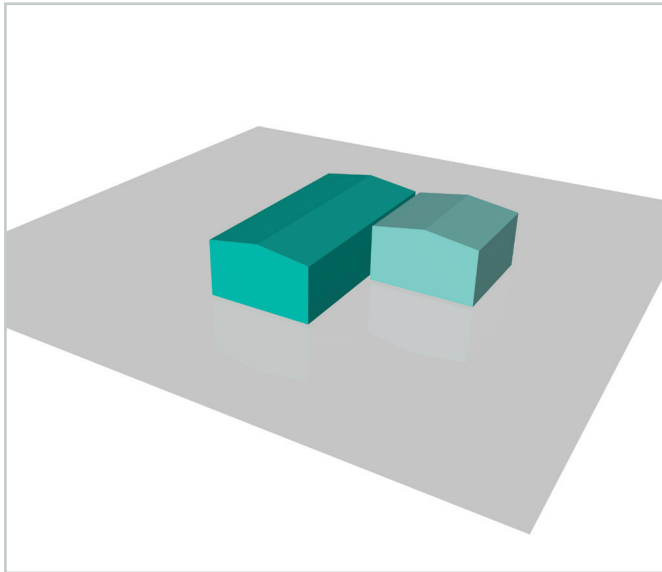
# Basic module

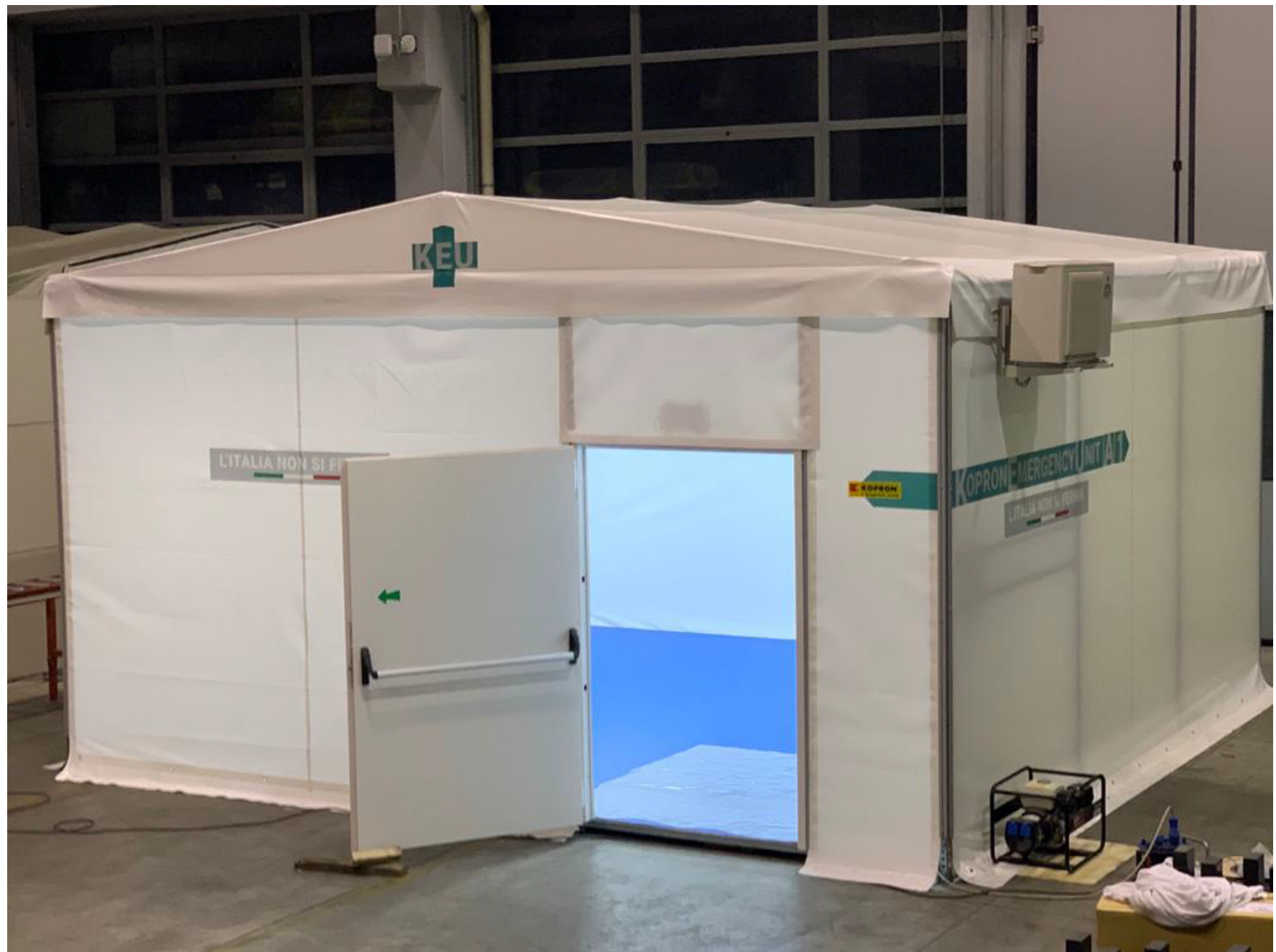


## Basic module



## Examples of additional modules







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