

INSTALLATION MANUAL. USE AND MAINTENANCE

Box Modulare

Box Modulare Eco



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1. GENERAL INFORMATION

1.1. Introduction

This manual is an integral part of the product; it is addressed to the installer and to the final user of the box, and enables a correct installation and use. For this reason it must be held with the box until proper disposal.

In this manual you will find the instructions to:

- correctly install the box
- understand the functions of the box and of the whole thereof
- correctly do the box scheduled maintenance processes
- take care of the basic safety rules



ATTENTION: the installer and the final user must read the whole manual in every of its parts, and store it together with the box.

Before using the box, please read carefully the technical information contained in this manual and follow them strictly.

Keep this manual in a safe and accessible place.

1.2. Warranty

INTENDA S.r.l. gives a 5 years warranty.

During this period INTENDA S.r.l. will remove in an appropriate time all vices and defects of the materials and/or of the building process, only if the box:

- has been installed by qualified workers
- has been used correctly, following the conduct and maintenance indications contained in this manual
- has not been subjected to natural disasters

To remove the defects found out during the warranty time:

- the costs of working time and transport are at the expense of the dealer
- the costs of spare parts are at the expense of INTENDA S.r.l.

Warranty is meant to be ex works Legnago (VR). All the tools and optional parts eventually supplied by the dealer are not subject to the warranty.

In the box building process INTENDA S.r.l. uses materials and mechanisms of suitable type, state and quality, at its own discretion; even after the receipt of the order, INTENDA S.r.l. can make substantial changes or appropriate improvements at its own discretion.

Slight colour differences, folds or “partridge’s eyes” in the PVC clothes should not be considered defects, but features of the article.

2. BOX DESCRIPTION AND TECHNICAL SHEET

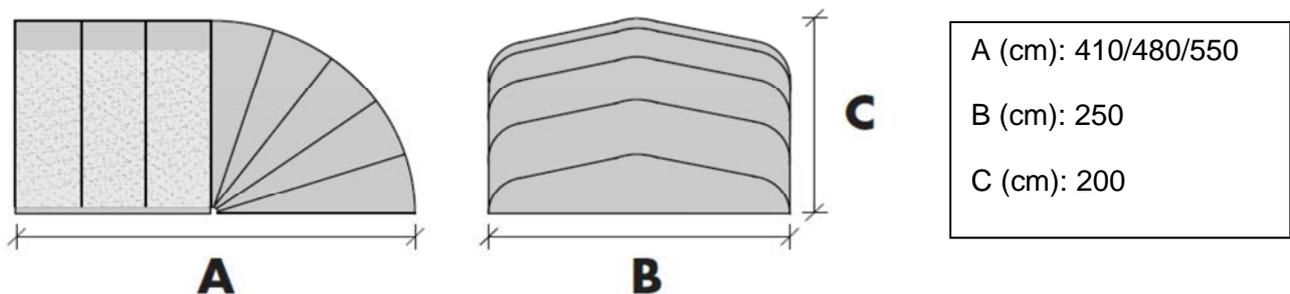
2.1. General description

The box must be used only as an ordinary protection cover, for purely temporary use. In case of bad weather conditions (wind, snow), the box must be removed. Given that the box can not be fixed to the ground - but only bound to it - its use in these conditions can cause damages to people and things.

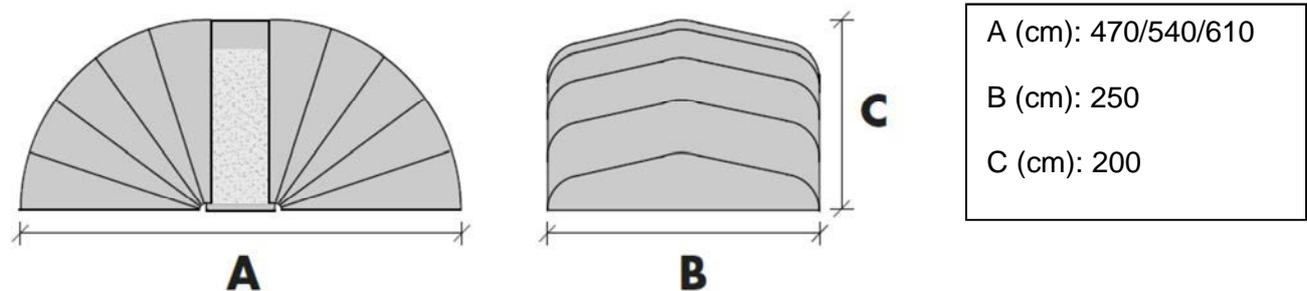
It is particularly important for safety not to hang or apply any type of load at the structure or at the top cover of the box.

In particular, children must not handle the snails. The failure to respect the conditions of use and warnings immediately voids the warranty.

BOX MODULARE/BOX MODULARE ECO 1 snail

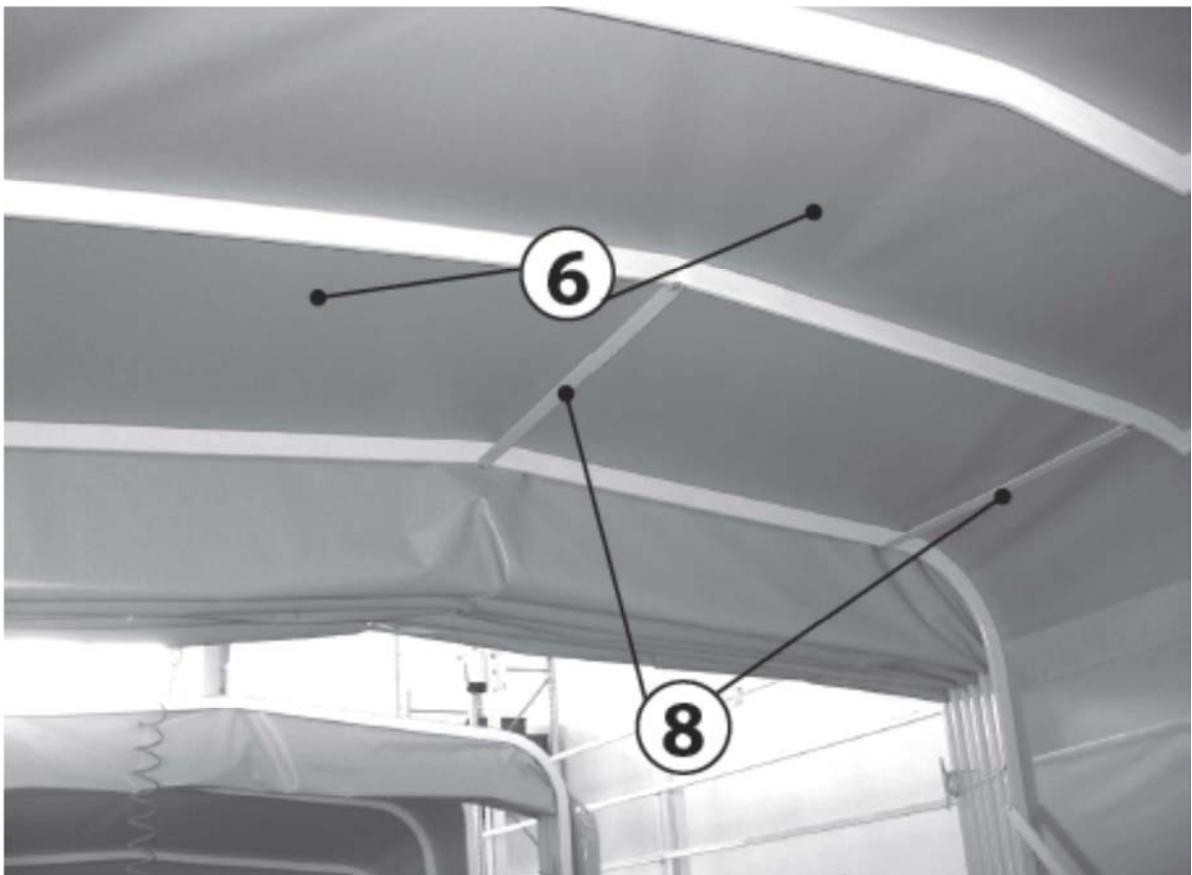
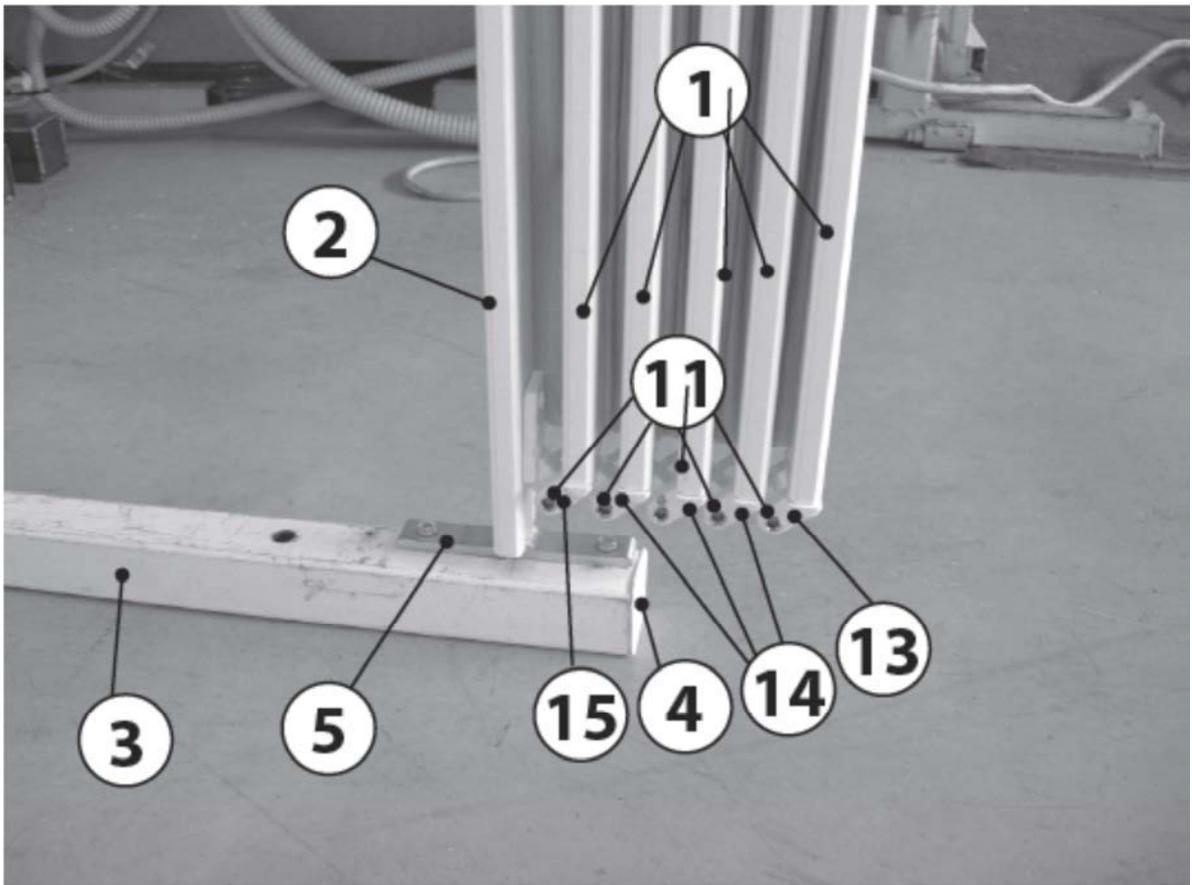


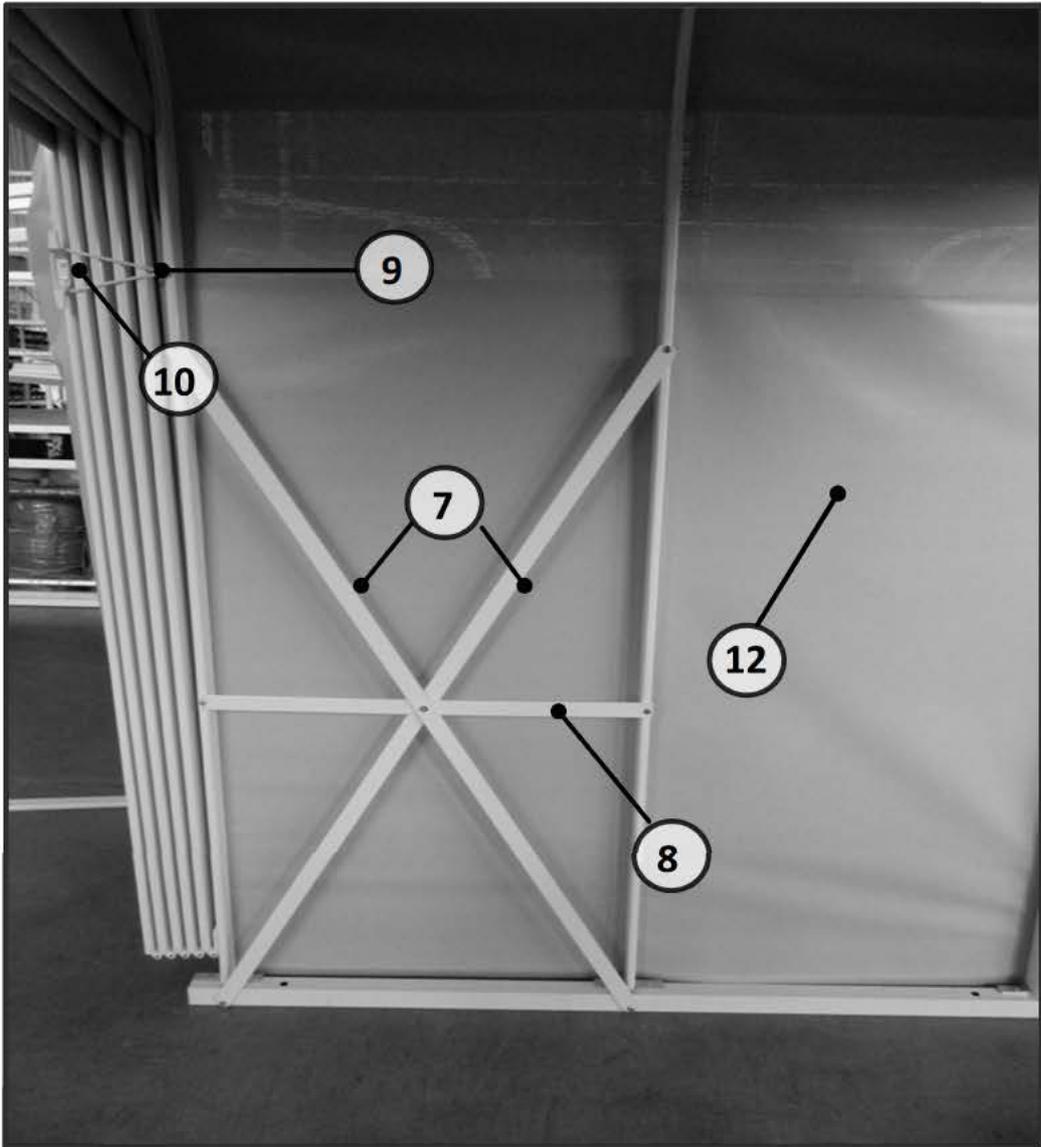
BOX MODULARE/BOX MODULARE ECO 2 snails



2.2. Components

<u>N.</u>	<u>DESCRIPTION</u>
1	ALUMINIUM PROFILE MM 45X15
2	ALUMINIUM PROFILE (gables)
3	SQUARED HOLDING DEVICE
4	SQUARED HOLDING DEVICE CAP
5	ANODIZED ALUMINIUM 120x60 FOOT
6	PVC COVERSOL/FABRITARP TOP COVER
7	ALUMINIUM LACQUERED RAL 9010 PLATE (crosses)
8	ALUMINIUM LACQUERED RAL 9010 PLATE (tension bars)
9	NYLON ROPE DIAM. MM 5
10	STRING FASTENER HANDLE
11	HINGE FASTENING RIVET
12	TENTMESH LATERAL COVER (only for Box Modulare)
13	FOOT WITH FINAL HINGE
14	FOOT WITH CENTRAL HINGE
15	FOOT WITH HINGE FOR HEAD-FASTENING PLATE





2.3. Fabric's characteristics

COVERSOL
BOX MODULARE

Yarn	<i>Warp: 100% PES 280 Dtex Weft: 100% PES 280 Dtex</i>
Construction	<i>Warp: 16 yarn/cm Weft: 16 yarn/cm</i>
Fabric's weight	<i>Ca 400 gr/m²</i>
Tensile strength (DIN 53354)	<i>Warp: Ca 120 DaN/5 cm Weft: Ca 130 DaN/5 cm</i>
Tearing resistance (DIN 53363)	<i>Warp: Ca 5,5 DaN Weft: Ca 7,5 DaN</i>
Grip (ISO 2411)	<i>Ca 6 DaN/5 cm</i>
Temperature resistance	<i>+70°C/-30°C</i>
Light resistance (DIN 53388)	<i>Level: 7/8</i>
Finishing	<i>Gloss lacquered (one side) UV Treated</i>

FABRITARP
BOX MODULARE ECO

Coating	PVC
Fabric's weight	Ca 520 gr/m ²
Tensile strength (DIN 53354, DIN EN ISO 1421/V1)	2000/2000 N/50 mm
Tearing resistance (DIN 53363)	180/150 N
Grip	12 N/cm
Hot resistance (DIN EN 1876-1/LB 3.15)	+70° C
Cold resistance (DIN EN 1876-1/LB 3.15)	- 20° C
Light fastness (DIN EN ISO 105 B04)	Level: 7/8
Weather resistance (DIN EN ISO 105 B04)	Level: 7/8
Flame resistance	flame-retardant Italian cl. 2
Finishing	Both sides gloss lacquered Anti-mould treated.

3. INSTALLATION

3.1. Handling and transport

The box installation should only be done by qualified staff.

The products must be unloaded through appropriate lifting equipment, which must be used only by authorized staff.

If the unloading operation is made by hand, it is important to consider that the weight limit that each male person can handle is 25 Kg; moreover, the operators should be equipped with gloves and safety shoes.

3.2. Place and requirements for the installation

Before the arrival of the installers the user must arrange:

- any permits required by local regulations
- appropriate ground

3.3. Installation

Before starting the installation, if electrical equipment utilization is needed:

- make sure you do not work in wet areas
- use only intact extension cords, according to the place of use
- use shoes with rubber soles



ATTENTION: it is necessary for the operators to use appropriate personal protective equipment such as safety shoes and gloves, in order to avoid injuries provoked by the fall of the packaging or of components that it contains, perforation and cutting due to cutting or hanging parts.

3.3.1. Package opening

Packaging must be opened only with scissors with rounded tips, using the best care not to cut the cloth of the article (Photo 1).



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NOTE: The packaging material disposal is at user's charge, who will perform it in accordance with existing environmental norms.

3.3.2 Squared holding devices placement

The squared holding devices must be anchored to the ground (previously prepared by the customer) in a parallel position (photo 2).

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NOTE: The fixation to the ground must be done according to the type of ground and the localization of the box.

3.3.3 Box installation

The central part of the box must be opened paying attention not to open the snail parts (let the strings fastened to the handles).

The lateral uprights must be fixed in the feet contained in the squared holding devices (photo 3 and 4).



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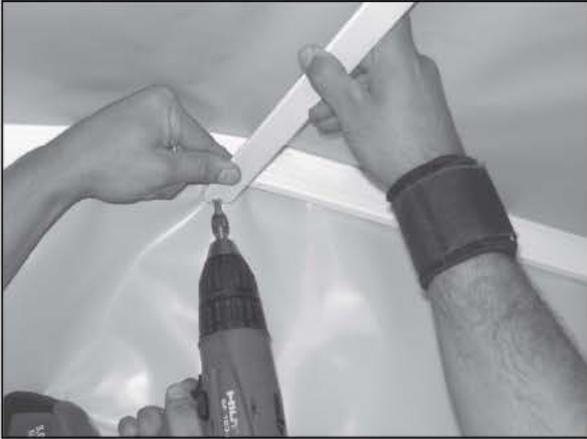


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3.3.4 Bracing system

The roof bars must be screwed in the holes prepared by INTENDA S.r.l (photo 5 and 6).

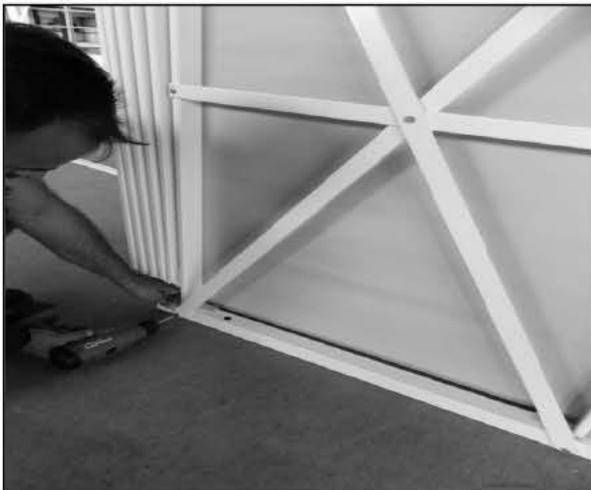


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6

The lateral crosses must be positioned (photo 7 and 8).



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8

Only after this operation, the uprights can be fixed to the feet (photo 9).



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9

3.3.5 Snails opening

Open the snails as shown in photos 10 and 11.



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11



ATTENTION: other installation ways which are not contained in this manual are not allowed, if not previously authorized by INTENDA S.r.l.



ATTENTION: the box must be fixed to the ground or to a wall. The installer must verify the ground type and conditions and choose the appropriate anchoring system, also considering the typical meteorological conditions of that particular place (strong wind, ...).

4. BOX UTILIZATION

Before using the box you need to check that installation and ground fixation operations have been carried out properly.

The snails can be opened and closed easily by simple lifting or lower them. In order to keep them in open position, the apposite strings should be used.

The snails fixing system is temporary, so it can only be used during the enter-exit operation.



ATTENTION: the most frequent danger when using the modular box is the snails fall, that can provoke damage or injury. Therefore the snails lifting and lowering operations must not be executed by children.

5. CHECKS AND MANTAINANCE

It is necessary to periodically check the general status of the structure, of the links between components, of the hinges and the top cover. In case of holes or tears in the fabric, damages or cracks of metal components, it is necessary to contact the dealer.

In particular, the fixing systems (strings) of the snails must be periodically verified. If some fissures and tears are present, the strings must be substituted.

The top cover can be washed with neutral detergent and then rinsed with water. After cleaning, the fabric must be dried before being folded, in order to prevent mold.

6. DISASSEMBLY

Disassembling operations are done backward to the assembly.

The eventual disposal of the box must be made in accordance with the existing environmental norms.