

Installation and operating manual

TRANSLATION

Includes:

- SAFETY
- RULES OF USE
- TRANSPORT
- INSPECTIONS AND CLEANING
- DISASSEMBLY AND DISPOSAL
- STORAGE

This manual describes structure systems:

- for flat roofs; for pitched roofs;
- for free
- standing structures.

Polish manufacturer
of photovoltaic
mounting systems

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PART I of III



READ BEFORE ASSEMBLY
KEEP FOR THE WHOLE PERIOD OF USE OF THE CONSTRUCTION

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1 Introduction

1.1 General information

This document contains information regarding structures for flat roofs, pitched roofs and free-standing structures of Corab S.A. seated in Olsztyn, ul. Michała Kajki 4, 10-547 Olsztyn, entered into the register of entrepreneurs of the National Court Register under number 0000950779, the registry records of which are kept by the District Court in Olsztyn, the 8th Commercial Division of the National Court Register, holder of NIP (Tax ID no.) 739-020-77-57. Contents of the manual specify the intended use of the construction and its forbidden applications, safety rules and assembly methods. It describes the conditions of transport, inspections, storage and disposal.

The presented manual contains information that every user, Customer and member of the qualified personnel must familiarize themselves with. This document constitutes part 1 of 3. Before the assembly of every construction for flat roofs, pitched roofs and free-standing structures, it is mandatory to read the contents of Part 1, 2 and 3 of the manual of the system that is being installed. Contents of the manual:

- constitute one of three parts of the manual, whereby Part 2 is intended for a particular structure/system and Part 3 specifies the dimensions of modules dedicated for a particular structure/system;
- form an integral part of the construction;
- constitute the property of Corab S.A. and it must not be used for purposes other than those indicated herein;
- are available for the Customer purchasing the structure on the following website: www.corab.pl.

Each installer, member of the qualified personnel and user must familiarize themselves with all the contents of the manual: Part 1, 2 and 3 of the system that is being installed.

1.2 Scope of delivery

Delivery of the structure is in accordance with the order.

1.3 Definitions

The following terms are used throughout the manual:

- Everyday use – use of the structure in accordance with its intended purpose and when it is fully operational.
- Guarantee – the scope and period of the guarantee constitute a separate document available to the Customer.
- Installer – a qualified person who completed training in scope of installation of the structure at Corab S.A. and holds a valid training certificate. The installer knows and understands the contents of this manual, has proper experience and skills within the scope of the structure and additional elements of the machine.
- Manual – this document which forms an integral part of the construction. It comprises of three parts. Part 1 - the document with general information and information on safety. Part 2 - the manual dedicated for a particular system. Part 3 - the range of dimensions of modules dedicated for a particular system. Prior to commencement of any works related to construction of the system, it is obligatory to read and understand the manual.
- Customer – a legal person, natural person or organizational unit without legal personality that ordered the system and specified the objectives. The Customer is liable for the assembly in compliance with this manual and relevant regulations.
- Construction – the system of steel/aluminum elements that, once assembled according to the manual, can be used for the installation of photovoltaic modules on a pitched roof, flat roof or a free-standing structure.
- Repairs – activities aimed at restoring the full efficiency and expected safety level of the construction.
- Unauthorized person – a person who has not been trained at Corab S.A. in the scope of assembly of the construction of the system and does not hold a valid training certificate or qualifications of the Office of Technical Inspection. The unauthorized person does not know and/or understand the contents of the manual. The unauthorized person must not perform any activities connected with the assembly of the construction.
- Manufacturer – Corab S.A. seated in Olsztyn, entered into the register of entrepreneurs of the National Court Register under number 0000950779, the registry records of which are kept by the District Court in Olsztyn, the 8th Commercial Division of the National Court Register, holder of NIP (Tax ID no.) 7390207757.
- Inspections – periodic performance of activities specified in the manual and relevant regulations (PN-EN IEC 62446-2 standard according to the current revision) to maintain full efficiency of the construction.
- Work site – the place at which assembly works, inspections, repairs and disassembly are performed.
- Authorized Representative – the legal person, natural person or organizational unit authorized by Corab S.A. to perform specified actions within the scope of assembly, inspections, disassembly, and disposal.

- User – a legal person, natural person or organizational unit without legal personality that uses the construction installed in accordance with the manual and relevant applicable regulations.
- Qualified Personnel – the person who holds proper qualifications to carry out a particular action, among others, within the scope of: electrical installation, mechanical system, work at height. Qualified personnel knows and understands the contents of this manual. Qualified Personnel includes installers.

1.4 Identification of the construction

The Customer receives the construction according to the order. Each delivery is accompanied with a document with a list of delivered elements. Individual elements of the construction, such as beams, have been marked with an identification code. Fasteners are delivered in marked boxes. The documents regarding the construction are available on the website of Corab S.A.

The system uses elements which have been covered with a Declaration of Performance. The Declaration of Performance is available on www.corab.pl. The Declaration of Performance constitutes an integral part of the construction.

1.5 Liability

The manual specifies the assembly method of the system construction. The Customer shall be liable for compliance with relevant applicable regulations within the scope of assembly of photovoltaic modules, electrical installations, fire protection, and inspections. The Customer shall be liable for using elements other than those supplied and/or recommended by Corab S.A. in the construction.

Corab S.A. (Manufacturer) develops all the elements for the construction of the systems. The Customer is liable for the correct assembly of the construction and photovoltaic modules. The Customer shall be liable for assembly of the construction with the use of elements recommended and/or supplied by Corab S.A. The Customer shall be liable for compliance with regulations regarding fire safety, safe installation and relevant regulations applicable at the assembly site. Corab S.A. shall not bear any responsibility in the a/m scope. The manual constitutes an integral part of the construction provided by Corab S.A.

Corab S.A. shall not be liable for the use of elements other than those supplied by the Manufacturer during the assembly of the system.

NOTICE

Using the construction against its intended purpose is prohibited. Use against the intended purpose shall void the right to guarantee repairs. At the same time, it does not ensure the safety level determined by the Manufacturer.



NOTICE

The Manufacturer shall not be liable for damage caused by the construction that was installed contrary to the manual. All works performed against the manual shall lead to the loss of the guarantee and/or right to guarantee repairs.

This manual specifies the minimum safety rules regarding the assembly and use of the construction. The installer and the qualified personnel are obligated to choose and have protective equipment for the time of assembly works. All persons conducting work connected with the assembly, everyday use, inspections or repairs of the construction shall be obligated to strictly follow the OH&S regulations that apply to them.

2 Safety - general information

2.1 Safety instructions

Safety instructions can be found next to the information that needs particular attention. Risk levels have been marked with symbols and colors.

2.2 Risk levels - graphical representation and description

This manual uses the following symbols to draw attention to the information presented next to it.



DANGER

The symbol used to highlight information, warnings and instructions that refer to a hazard with a high level of risk. Such hazards may cause death, serious body injuries or serious threat to or/and serious damage to property, if they are ignored. The Manufacturer shall not be liable for negligence to observe the indicated hazard.



NOTICE

Symbol used to highlight information, warnings or instructions that indicate risk of moderate or minor injury or/and moderate or minor damage to property, if the hazard is ignored. The Manufacturer shall not be liable for negligence to observe the given notice.



HINT

Symbol used to highlight hints and instructions of the Manufacturer. Performance of recommended actions will increase the safety level as well as convenience of assembly and use. If the recommended hints are not applied, it may lead to minor or moderate injury or/and minor or moderate damage to property. The Manufacturer shall not be liable for negligence to observe the hints.

2.3 General safety regulations



DANGER

Konstrukcje przystosowane są do warunków pierwszej strefy wiatrowej według aktualnych norm. Jeżeli instrukcja poszczególnego systemu wskazuje inaczej, zastosuj zalecenia zawarte w instrukcji.

DANGER

Using a construction that has been mounted in a way contrary to the manual is prohibited.



UWAGA

Use that is against the intended purpose may lead to dangerous situations and affect the lifespan of the whole construction and its subassemblies.

In order to ensure safe use of the construction, please follow the safety measures specified below:

- prior to the assembly of the construction, read and understand the contents of the manual (Part 1, 2 and 3);
- the friction coefficient between the roof covering and elements of the system for a flat roof should be at minimum > 0.5 ;
- the assembly must be carried out according to the manual;
- comply with relevant applicable regulations and OH&S rules;
- install only elements that are fully operational and free from defects;
- install only those mounting elements that are recommended by Corab S.A.;
- use only elements intended for the specified application;
- do not make alterations in the construction;
- do not alter the construction or its elements;



DANGER

Do not make structural changes in the construction, method of assembly or element connection. Any alterations may lead to loss of the warranty and/or result in a hazardous situation.

- the construction must be loaded with photovoltaic modules only when it is stable and complete;
- the construction must be used only when fully mounted;



DANGER

The construction must not be loaded with photovoltaic modules other than those indicated in Part 3 of the manual or in a way contrary to the contents of Part 2 of the manual.

- comply with the schedule of inspections;
- inspections should be carried out each time the wind speed exceeds 79 km/h;
- inspections must be carried out only by the qualified personnel;
- immediately replace those elements of the construction which have been damaged during use;
- immediately replace those elements of the construction which were found damaged during an inspection;
- keep the manual after the assembly of the construction;



HINT

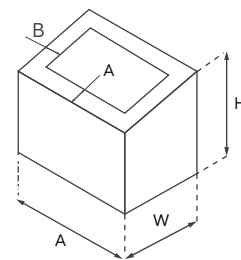
Assembly of the photovoltaic installation must be performed by the qualified personnel. Works connected with the assembly of the construction must be carried out only by a properly certified installer.

- maintain tidiness of the place of use;
- take particular care during transport, assembly, inspections and disassembly of the construction;
- In case of constructions for flat and pitched roofs - the indication of zones with increased wind suction should be determined based on the basic dimensions of the building (figure below), where:

$$A = L/10 \text{ lub } H/5,$$

$$B = W/10 \text{ lub } H/5$$

To determine the zones, choose the lower calculation value.



2.4 Forbidden actions

The user, the installer and the qualified personnel must read the list of actions that are forbidden during the use of the construction. Forbidden actions also refer to the intended use of the construction. When the construction is in use, the following actions are forbidden:



DANGER

It is forbidden to use the construction or the whole installation when their condition poses a threat to life, health and/or property.

DANGER

It is forbidden to use the construction or the whole installation when they are damaged, incomplete and/or unstable.

**DANGER**

It is forbidden to use the construction in an environment with corrosiveness class higher than C3.

- installation of the construction at a hazardous, unstable location and/or with damaged elements (e.g. of the roof);
- installation of the construction carried out by people without proper qualifications, competences and knowledge;
- installing the construction on a surface that does not ensure its proper and stable installation;
- mounting photovoltaic modules onto a construction that is unstable or not connected with the ground in a manner specified in this manual;
- assembly on a surface that does not ensure proper and stable installation of the construction;
- installing photovoltaic modules on an unstable construction that was assembled contrary to the manual;

**DANGER**

Improper surface on which the construction is installed may lead to a hazardous situation and/or pose a threat to life, health or property.

- using the construction for purposes other than installation of photovoltaic modules in a predetermined way;
- non-compliance with relevant regulations at any stage of the use;
- mounting damaged elements of the construction;
- using the manual as a design for a photovoltaic installation;
- using the construction despite its improper installation contrary to this manual;

**DANGER**

Any works carried out by people without proper certificates are forbidden.

- using damaged tools that are incompatible with the fittings and the fitting conditions;
- leaving fitting elements and tools at the work stand;
- leaving elements that might move in an uncontrolled manner at the work stand;

**DANGER**

Any works by people who are not familiar with and do not understand the content of the manual are forbidden.

- mounting elements other than photovoltaic modules and elements needed for their proper use in accordance with the manual;
- using the construction as support for elements other than a photovoltaic installation and photovoltaic modules.

2.5 Work site

The work site of the installer and the qualified personnel shall be understood as the place of assembly of the construction and location of the installed construction.

**NOTICE**

During use of the construction, clothing and/or body parts may get dirty. In order to avoid an allergic and thermal reaction, the installer and the qualified personnel must use protective clothing.

The manufacturer shall not be liable for the condition and availability of equipment at the work site. The necessary

tools and fixing element have been specified in the manual (Part 2). This way, it is possible to prepare appropriate equipment for the time of assembly of the construction.

2.6 Requirements for operators

The construction can be operated according to its intended use by a person who meets all the following requirements:

- they read and understood the manual;
- they finished training specific for the installer and/or qualified personnel;
- there is nothing that would prohibit their performance of work necessary to install the construction.



HINT

All specialist works must be performed only by qualified personnel. Works connected with the assembly of the construction must be carried out only by a properly certified installer.

2.6.1 Responsibilities of the user

The user must:

- comply with all the instructions and recommendations concerning the safe use of the construction;
- properly prepare the work site after consulting the persons who will carry out the assembly;
- provide necessary tools for the transport, assembly, inspections and disassembly;
- provide spare parts according to the Manufacturer's instructions;
- comply with the schedule of inspections;
- maintain the construction in a defect-free condition.

2.6.2 Responsibilities of the qualified personnel

The qualified personnel must:

- comply with and follow the regulations on occupational safety;
- comply with and follow the contents of the manual;
- comply with and follow safe working methods;
- know the rules regarding safe performance of the works involved;
- use fully operational tools intended for the performed work;
- use adequate personal protective equipment;
- have proper and valid certificates authorizing them to perform a particular action.

2.6.3 Responsibilities of the installer

The installer must:

- comply with and follow the regulations on occupational safety;
- comply with and follow the contents of the manual;
- comply with and follow safe working methods;
- know the rules regarding safe performance of the works involved;
- use fully operational tools intended for the performed work;
- use adequate personal protective equipment;
- have proper and valid certificates authorizing them to perform a particular action.

2.7 General safety regulations

During the use of the construction, follow the OH&S, domestic and relevant regulations. During the use:



DANGER

Any alterations may lead to a hazardous situation. The manufacturer forbids making any alterations in the system of the construction. Such alterations can be made only by the Manufacturer or their authorized representative.

**NOTICE**

The user is responsible for the technical condition of the construction and the area of the assembly.

- only utilize mounting elements that have been recommended by the Manufacturer of the construction;
- use the construction only when it is fully operational;
- read the manual before commencing the works;
- provide the installer and the qualified personnel with a complete manual;
- comply with the rules regarding inspections: their frequency and scope specified in the guarantee;
- repair any defects without undue delay.

**DANGER**

The use of cleaning agents must not damage the surfaces of the construction.

2.8 Personal protective equipment

During works connected with transport, assembly, everyday use, inspections and disassembly, it is recommended to wear:



protective anti-slip footwear gloves helmets

All elements of personal protection are individually selected by the installer, qualified personnel and the user. The Manufacturer of the construction does not provide any personal protective equipment. Selection of personal protective equipment must be compliant with the applicable safety regulations and fit the conditions at the location of assembly of the construction.

2.9 Hazards specific for the structure

Specific hazards include some hazards resulting from the intended purpose of the construction. Before the installation, every user, installer and member of the qualified personnel must read the manual of assembly of photovoltaic modules that will be installed. Specific hazards have also been described in the manual of photovoltaic modules.

**NOTICE**

Without mounted photovoltaic modules, the construction is not electrified. When facilitated with photovoltaic modules, the construction can be electrified.

2.9.1 Hazards of electrical origin

There is a risk of injuries caused by electrocution!

Work and contact with live components may lead to serious injuries or death. In order to prevent this risk:

- connect earthing;
- only mount fully operational electrical elements and other electrified elements;
- inspections and repairs must be carried out only by the qualified personnel;
- prior to commencement of works with electrical elements - disconnect power, follow the manual and relevant regulations regarding the electrical installation;
- electrical elements must be touched only with dry hands;
- perform inspections of electrical equipment;
- do not route the cables through places with user traffic;
- distribute the cables according to relevant applicable regulations;
- mount electrical elements according to their installation manual and relevant regulations in this scope;
- use electrical elements that fit the intended use of the installation and the characteristics of its operation;

- do not replace electrical elements with elements of higher or lower parameters;
- do not clean electrical elements with a water jet, damp cloths or substances that may damage the electrical elements and the construction;
- store electrical elements in places as described in their manuals.

2.9.2 Hazards caused by damage to the construction

When the construction is damaged, it may cause injuries!

Damaged elements may be subject to uncontrolled movement which can lead to body injuries, death or damage to property. Damaged elements of the construction may lead to interruption of connective tissue. In order to prevent this risk:

- immediately replace damaged elements of the construction;
- perform inspections according to the Manufacturer's instructions and relevant applicable regulation;
- remove damage only with the use of proper elements, tools and equipment;
- replace damaged elements with elements recommended by the Manufacturer of the construction.

2.9.3 Hazards caused by falling components

Falling elements may create a hazardous situation!

When using the photovoltaic installation, improperly mounted elements may move in an uncontrolled manner. In order to prevent this risk:

- secure the area of assembly of the construction to ensure safety of persons in its proximity;
- do not leave any fixing elements or tools after completion of the assembly, repairs and inspections at the site of the construction;
- comply with and follow the contents of the manual.

2.9.4 Risk of crushing of body parts

Working with elements of the construction and photovoltaic modules poses a threat of crushing of body parts! Elements of the construction and photovoltaic modules may lead to crushing of body parts.

In order to prevent this risk:

- comply with and follow the contents of the manual;
- comply with the manuals of the installed photovoltaic modules;
- choose appropriate personal protective equipment.

2.9.5 Falling hazard

There is a falling hazard due to work at heights!

The assembly of the construction and the photovoltaic installation performed at heights may create a falling hazard!

In order to prevent this risk:

- comply with and follow the relevant applicable regulations;
- use appropriate protective measures;
- works at heights can be performed only by persons with valid qualifications in this scope.

2.9.6 Hazards caused by temperature

There is a risk of burning due to contact with hot surfaces of the photovoltaic installation! Photovoltaic modules mounted on the construction may lead to contact with hot surfaces. In order to prevent this risk:

- comply with safety requirements of the Manufacturer of the photovoltaic module;
 - prevent unauthorized people from accessing the photovoltaic installation;
 - take special care when performing works connected with the construction and the photovoltaic installation.
- This chapter has specified the use of the construction in accordance with its intended purpose. Use that is contrary to the intended purpose may lead to hazardous situations.

3 Rules of use

3.1 Use in accordance with the intended purpose

The construction by Corab S.A. is intended to be used as a support for photovoltaic modules. The construction has been designed according to the construction objectives. The Manufacturer shall not be liable for response of the construction that was used contrary to the intended purpose and the manual. The Manufacturer shall not be liable for the response of the construction that was installed contrary to the manual.

The Manufacturer shall bear no responsibility for guarantee, warranty and financial losses if the construction is used contrary to its intended purpose.



NIEBEZPIECZEŃSTWO

Konstrukcje przystosowane są do warunków pierwszej strefy wiatrowej według aktualnych norm. Jeżeli instrukcja poszczególnego systemu wskazuje inaczej, zastosuj zalecenia zawarte w instrukcji.

3.2 Use against the intended purpose

Using the construction against its intended purpose is prohibited. The construction must not be used:

- as support for elements other than photovoltaic modules specified in Part 3 of the manual;
- on an unstable, defective surface that is contrary to the provided objectives;
- when damaged and/or incomplete;
- for climbing, standing or jumping on it;
- for purposes other than as support for photovoltaic modules.

3.3 Danger connected with use against the intended purpose



DANGER

Use that is against the intended purpose may lead to a hazardous situation, threat to life or health, or to property damage.

Hazards caused by use that is contrary to the intended purpose include:

- risk of damage to health or fatal injury;
- risk affecting the condition and lifespan of the construction;
- risk affecting the condition of the site of installation;
- risk affecting the condition and lifespan of the photovoltaic installation;
- disruption of the correct operation of the installation.

4 Transport

4.1 Personnel and safety

Transport and actions connected with preparation of elements of the construction can be performed only by persons with proper experience and competences.

General safety rules have been described in Chapter 2 of this manual.

4.2 Preparatory proceedings

Prior to the transport, elements of the construction must be secured against effects of harmful conditions and substances, such as road salt. Ropes or chains, machines and devices used for the transport must be appropriate for the size and weight of the elements.



DANGER

During the transport, elements of the construction must be prevented from uncontrolled movements. No persons must stand under the load when it is loaded onto and unloaded from the means of transport.



HINT

All works connected with handling of transport machines (cars and trucks) must be carried out by the qualified personnel.

4.3 Transport

Elements of the construction can be transported with any means of transport. The Manufacturer prepares the elements of the construction for transport if the purchase is made directly from the Manufacturer. If the transport of elements of the construction is carried out by a carrier employed by Corab S.A., the risk of loss, damage or destruction of elements of the construction is transferred to the Customer upon beginning of the unloading of those elements at the place of delivery. If the transport of elements of the construction is carried out by a carrier employed by the Customer, the risk of loss, damage or destruction of elements of the construction is transferred to the Customer upon the loading of those elements onto the carrier's vehicle.

5 Inspections and cleaning

5.1 Personnel and safety

Inspections must be performed by the qualified personnel and/or the installer.

Cleaning of the construction must only be performed by persons with appropriate experience and competences.

General safety rules have been described in Chapter 2 of this manual.

5.1.1. Results of non-compliance

Non-compliance with the requirements and recommendations connected with inspections and cleaning of the construction within the scope of personnel, OH&S regulations and schedule may lead to:

- risk of injury or damage to health;
- risk of fatal injury;
- risk to the condition of the construction and the photovoltaic installation;
- risk affecting the safe operation of the photovoltaic installation.

5.2 Initial and final proceedings



HINT

The proper preparation of the installation site, machines and tools will allow effective performance of inspections and cleaning.

Initial proceedings:

- prepare equipment and tools;
- prepare soft fabric to remove dirt;
- secure the site so that none of the users will be able to use the photovoltaic installation during the pending works;
- prepare the work stand;
- perform all actions indicated by the Manufacturer of the photovoltaic modules and the photovoltaic installation before changing the operating mode.

Final proceedings:

- remove any tools and elements used during the inspection and cleaning from the site;
- check whether nothing would prevent the restart of the photovoltaic installation;
- check whether the photovoltaic installation does not make any worrying signals or sounds;
- perform all actions indicated by the Manufacturer of the photovoltaic modules and the photovoltaic installation before changing the operating mode;
- turn on the operating mode of the photovoltaic installation.

5.3 Inspections

Inspections should be scheduled and performed with due diligence. It will allow reducing the downtime and the risk of malfunctions. Inspections must be performed:

- according to the terms and conditions of the guarantee of the construction;
- every time the wind speed is equal to or exceeds 79 km/h;

Inspections can be performed more frequently than in the above instructions.



NOTICE

Inspections must be carried out only by the qualified personnel (including the installer). The person who performs the inspections knows the design of the construction and the operating principle of the photovoltaic installation and has the user's permission to perform the inspection.

**NOTICE**

Before starting the inspection, choose the appropriate operating mode of the photovoltaic installation.

The owner is responsible for the determination and monitoring of the schedule of inspections.

**HINT**

Inspections performed according to the Manufacturer's recommendations and relevant regulations will extend the lifespan of the construction. At the same time, they allow maintaining the proper functioning of the photovoltaic system.

5.4 Cleaning

The frequency of cleaning of the construction should be adjusted to the needs and safety of its use.

Do not use any chemical agents that might react with the material of a particular element of the construction. Do not use corrosive agents.

5.5 Scope of inspections and cleaning

During inspections and/or cleaning:

- verify whether the construction is complete and repair any deficiencies;
- replace any damaged elements according to the manual;
- verify whether all bolts are tightened with appropriate torque - tighten the bolts if the torque differs from the value specified in the manual;
- perform all the actions specified in the guarantee.

**HINT**

For replacement of elements of the construction use only elements recommended by the Manufacturer - Corab S.A.

The scope of actions necessary for performance of inspections has been described in the attachment to the guarantee for elements of the construction. The document is available on www.corab.pl in tab FILES – GUARANTEES – PHOTOVOLTAIC SYSTEMS.

6 Disassembly and disposal

6.1 Personnel and safety

Actions connected with disposal and disassembly can only be performed by persons with appropriate experience and qualifications.

General safety rules have been described in Chapter 2 of the manual.

6.1.1 Results of non-compliance

Non-compliance with the requirements and recommendations connected with disassembly and disposal within the scope of personnel, OH&S regulations and schedule may lead to:

- risk of injury or damage to health;
- risk of fatal injury;
- risk to the condition of the construction and the photovoltaic installation;
- risk affecting the safe operation of the photovoltaic installation.

The user decides on the time of disassembly and disposal of the construction.

6.2 Disassembly

Disassembly of the construction must be preceded by works connected with disassembly of electrical elements of the photovoltaic installation (pay attention to the manual of the Manufacturer of the photovoltaic modules).

Perform the disassembly with fully operational equipment and tools. Equipment must be adjusted to the performed works in terms of durability, method of use and application.



DANGER

Take particular care during works connected with disassembly.

DANGER

Works connected with disassembly must be performed when the construction and the photovoltaic installation are not electrified.

6.3 Disposal

The method of disposal of individual elements and subassemblies of the construction is strictly connected with the material type. During disposal, it is necessary to comply with regulations applicable in a particular period and the country of use. It is forbidden to allow situations in which hazardous materials would enter the environment. All elements of the construction must be handed over to appropriate facilities.

7 Storage

7.1 Personnel and safety

Activities necessary to prepare the construction for storage must be performed in accordance with safety rules and design of the construction.

General safety rules have been described in Chapter 2 of the manual.

7.1.1 Results of non-compliance

Non-compliance with the requirements and recommendations connected with storage within the scope of personnel, OH&S regulations and schedule may lead to:

- risk of injury or damage to health;
- risk of fatal injury;
- risk affecting the condition of the construction;
- risk affecting the safe operation of the photovoltaic installation.

7.2. Storage

Storage of the construction means stoppage of the photovoltaic installation. The choice of the place and method of storage must ensure:

- stability of elements of the construction;
- conditions that will prevent damage and deformation of elements;
- protection against aggressive conditions;
- a location without conditions that would be contrary to the ones specified in the Guarantee.



NOTICE

Improper storage may lead to mechanical damage (dents, permanent deformations) to the construction and its elements.

The place of storage used for construction elements of the system must be adjusted to their size. Stored elements must be clean and/or in their original packaging.



Corab S.A. ul. Michała Kajki 4, 10-547 Olsztyn, REGON: 510519084, NIP: 7390207757 entered in to the National Court Register managed by the District Court in Olsztyn, the 8th Commercial Division of the National Court Register under KRS number: 0000950779. Share capital: PLN 1,184,000.00 fully paid up.

Corab S.A.
ul. Michała Kajki 4,
10-547 Olsztyn, Polska

NIP: 739-020-77-57
REGON: 510519084

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en.corab.pl
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