

## 1. INFORMATION FOR THE INSTALLER

### 1.1. RECEIPT OF MATERIAL

+ Check the condition of the package:

- + In the event of any visible damage, write this down on the delivery note.
- + In the event of any hidden damage, inform of such within 72 hours.

+ No claims will be admitted for transport reasons if any of these instructions are not followed.

### 1.2. HANDLING & STORAGE

+ We recommend you keep the NATURCLAD | NATURSIDING panels in their original packaging until they are ready to be installed. In the event that any panel needs repackaging, this shall be done in the same conditions as the original packaging.

+ These same instructions are also valid for cut parts.

+ Improper storage / handling of the panels can cause permanent deformation in the panels.

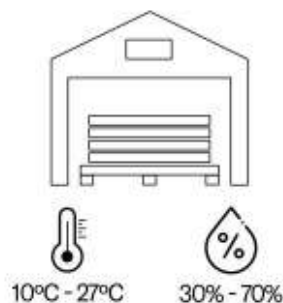
+ During transport, the NATURCLAD | NATURSIDING panels must be properly strapped, bearing in mind that the straps move up and down easily and can quickly become frayed. They must always be transported horizontally.

+ The panels must be stored in a closed, ventilated area, at a room temperature of 10 to 27°C and with an air humidity level between 30 and 70%.

+ The panels must not be stored vertically; they must always be stored horizontally with a distance between supports that does not exceed 800 mm.

+ The floor on which the pallet rests must be free of any materials or substances that may cause damage.

+ We recommend you avoid exposing the two sides of the NATURCLAD | NATURSIDING panels to different humidity and temperature conditions. In the particular case of NATURCLAD | NATURSIDING panels that have fastening elements attached (e.g.: brackets for hidden mechanical installation), they must be stored in a front against front, back against back pattern, and so on, using intermediate wooden or plastic supports placed at a distance of up to 800 mm between supports.



### 1.3. CONDITIONING BEFORE AND DURING INSTALLATION

+ Once the packaging has been opened, we recommend you only take out the NATURCLAD | NATURSIDING panels that are going to be used immediately. The rest must remain in storage in the same conditions as they were in the original packaging.

+ As the material reacts to variations in temperature and humidity, it is very important to keep the material protected from the effects of the environment during and after these processes.

### 1.4. MACHINING AND DRILLING

+ Due to their composition, the NATURCLAD | NATURSIDING boards are relatively hard. The tools used for cutting the boards must be more resistant than those used for most woods or wood-based materials. We recommend you use tungsten carbide (Widia) or polycrystalline diamond (PCD) tools as they are longer-lasting.

+ The cutting tool must be perfectly sharpened or it could cause splintering on the sides. For further details about machining, please see the NATURCLAD | NATURSIDING catalogues or contact PARKLEX PRODEMA ([parklexprodema@parklexprodema.com](mailto:parklexprodema@parklexprodema.com)).

### 1.5. REPACKAGING

The NATURCLAD | NATURSIDING pallet consists of:

0. A top board; ensures flatness of the panels at the top.

1. Aluminum sheet; prevents first panel from humidity variations

2. NATURCLAD | NATURSIDING panels

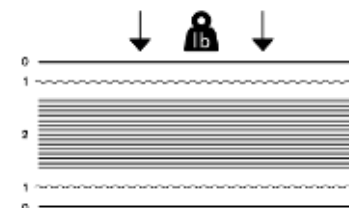
1. Aluminum sheet; prevents last panel from humidity variations

0. A base board; gives a flat support

As explained on the Technical Catalogue, the panels must be inside the package until they are installed in site. Nevertheless, sometimes the client needs to handle the material for precuts or predrilling, and the package needs

to be opened beforehand. As the material reacts to the humidity and temperature variations, it is highly important to keep the material protected to the environment effects during and after these processes. Here we give some tips on how the repackaging should be done:

- Place another pallet next to the one sent by PARKLEX PRODEMA. This new pallet must have at the base a flat board, an aluminum sheet at the base, similar to the one used on the original package.
- While the material is being cut the panels from the first pallet must be covered with the aluminum sheet and a board at the top.
- Place one by one the cut and predrilled pieces one on top of the other. When doing this, make sure every panel is placed on a flat surface. The waste material for instance, can be used to do a proper strapping.
- After stacking the material, place at the top the aluminum sheet and a board.
- Then, place on the sides edge boards and cover the whole pallet with a plastic film. Finally strap the whole package.



### 1.6. INSTALLATION INSTRUCTIONS

+ PARKLEX PRODEMA will not be responsible for the use of any other assembly system that is not included in its NATURCLAD | NATURSIDING catalogues and/or website ([www.parklexprodema.com](http://www.parklexprodema.com)), except where it has given express authorisation.

+ NATURCLAD | NATURSIDING are designed for use as external cladding on ventilated façades that must have a freely ventilated air chamber. All installations must strictly follow the technical instructions given in the NATURCLAD | NATURSIDING catalogues.

+ Avoid installing the material in extreme climatic conditions.

+ The use of safety goggles and gloves during the panels' handling and cutting processes is strongly recommended. Likewise, all the habitual health & safety requirements must be taken into account, as regards dust extraction and collection, fire prevention and protection measures, etc.

### 1.7. CLEANING

+ Dirt does not stick easily to the surface of the NATURCLAD | NATURSIDING boards. However, if the surface becomes dirty it can be cleaned following the instructions below:

General Cleaning Instructions:

- The NATURCLAD | NATURSIDING boards are supplied with a protection film that must be removed immediately after being installed on the façade. If the surface gets dirty or there is any adhesive residue left from the protective film, it can be cleaned with lukewarm water mixed with liquid detergent using a soft cloth. If the dirt persists, use WD40 spray or isopropyl alcohol. After using these products, clean the surface of the panel using a soft cloth with warm water and liquid detergent. Never dry rub the surface. Never use abrasive detergents.

- Do not clean NATURCLAD | NATURSIDING on hot days or in full sun, since at high temperatures the cleaning products can become more aggressive and damage the surface. Never let the cleaner dry or evaporate before rinsing it off with water.
- Do not use cleaning systems that involve external sources of heat, such as hot spatulas or hot air guns. Also do not use steam cleaners.
- Never use sponges or cloths with abrasive cleaning agents or scourers as they can damage the product's surface.
- It is recommended to use fluff-free cloths and/or brushes with bristles of medium hardness.
- It is advisable to do a cleaning test on a small area of the material, to verify the procedure's effectiveness; then go on to apply to the rest of the surface. This is especially important if it is a cleaning product that is being used for the first time or if there are doubts whether it can attack the surface.
- The use of chemical cleaning products and solvents must always be carried out following all corresponding health & safety rules

#### Cleaning with Water and Detergent

- It is the recommended cleaning method.
- Diluted household detergents and cleaners can be used.
- Follow at all times the recommendations of the manufacturer of the cleaning product on its dilution in water, especially in the case of concentrated products.
- Do not use detergents containing abrasive particles.
- To remove traces of paint, ink, cement, plaster or any other type of persistent stain, consult the PARKLEX PRODEMA Technical Department.
- There is a list of commercial products that can be used. For more details, consult the PARKLEX PRODEMA Technical Department.

#### Pressure Washer Cleaning

- It is a suitable method as long as it is applied with caution.
- The maximum recommended pressure is 1500 psi (103 bars) and at a distance of no less than 30 cm.

#### Prohibited Products

- Although NATURCLAD | NATURSIDING is a very resistant product, it should be avoided that it comes into contact with some very aggressive solvents and cleaning products as these could cause permanent damage to its surface, dissolving it, whitening it or producing small cracks that may not be evident at first sight.

#### So DO NOT USE:

- Chemical products for cleaning, treating or protecting wood.
- Industrial cleaning products, bleaches or undiluted concentrated household products according to the manufacturer's recommendations.
- Cleaning products ("cleaners") and/or adhesion promoters used in adhesive fixing systems. These products CAN be used on the reverse side of NATURCLAD | NATURSIDING but NOT in the face view.
- In general, universal solvents or petroleum ether (petroleum naphtha) usually formed by mixtures of various solvents.
- Aromatic type solvents such as Benzene, Toluene or Xylene, or mixtures that may contain them.
- Ketone-type solvents such as Acetone (Propanone) or Methyl-ethyl-ketone (MEC), or mixtures that may contain them
- Ethyl acetate or mixtures that may contain it.
- There is a list of commercial products that should be avoided. To learn more about this relationship, consult the PARKLEX PRODEMA Technical Department.

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#### 1.8. PACKAGING WASTE

- + The packaging is made up of three different materials: cardboard, wood and plastic, which can be easily separated and recycled.

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#### 2. INFORMATION FOR USERS

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##### 2.1. ENVIRONMENTAL CONDITIONS DURING USE

- + Does not apply.

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##### 2.2 MAINTENANCE

- + The NATURCLAD | NATURSIDING boards do not require any maintenance. In the case of dirt, please see the 2.3. CLEANING section.

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##### 2.3. CLEANING

- + Refer to section 1.7. CLEANING.

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##### 2.4. REPAIR

- + Natural wood is a delicate material. There is no established method for repairing NATURCLAD | NATURSIDING boards. Damaged panels must be replaced with new panels.

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##### 2.5. INFORMATION FOR UNINSTALLATION

- + The NATURCLAD | NATURSIDING products forms part of a ventilated façade, the main components of which (aluminum, steel, wood and plastic) can be easily separated and recycled.  
La presión máxima recomendada es de 1500 psi (103 bares) y a una distancia no inferior a 30 cm.

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##### 2.6. BOARD END OF LIFE

- + Reuse: The reuse of the NATURCLAD | NATURSIDING panels will be encouraged in other applications with different requirements.
- + Recycle: the cellulose fibers in the core and the thermoset wood veneer can be recycled. The recycling possibilities include use as filling material in wood-based panels for the construction industry.
- + Landfill or dumping: All specifications controlling the production and management of construction and demolition waste will be followed, as well as any local regulations that may apply. It might also be utilized in industrial incinerators.
- + Sub-structure: the wooden, aluminum or steel profiles can be directly reused for their original application or recycled if the buildings are carefully deconstructed.

**FOR FURTHER INFORMATION, PLEASE SEE THE PARKLEX PRODEMA CATALOGUE OR CONTACT PARKLEX PRODEMA ([parklexprodema@parklexprodema.com](mailto:parklexprodema@parklexprodema.com)).**