

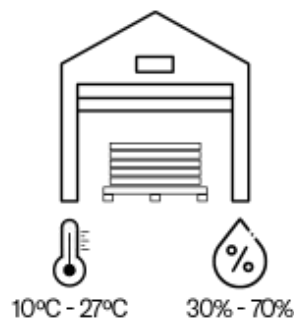
1. INFORMATION FOR THE INSTALLER

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 NATURHARDPANEL-W | NATURPANEL-W 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 NATURHARDPANEL-W | NATURPANEL-W 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°C 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 800mm.
- + 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 NATURHARDPANEL-W | NATURPANEL-W panels to different humidity and temperature conditions. In the particular case of NATURHARDPANEL-W | NATURPANEL-W 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 800mm between supports.



1.3. CONDITIONING BEFORE AND DURING INSTALLATION

- + 72h before its installation, store the material in the center of the room in which it is going to be placed, removing the protective plastic that surrounds the panels, so that they can acclimatize correctly to the conditions of the interior room in which they are going to be installed.
- + Once the packaging has been opened, we recommend you only take out the NATURHARDPANEL-W | NATURPANEL-W 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.
- + It is important to keep the supplied martyr board on top of the last top panel at all times.
- + Do not support or store the packages in contact with the walls, leaving them at least 0,5m apart.
- + Stack the packages flat, supported by four equidistant battens or other elements that allow maintaining a distance from the ground and in which the packages are supported uniformly (pallets, etc.).
- + The floor that supports the pallet must be free of materials that could cause damage.

- + The conditions in the room before and during the installation must be of a temperature between 15°C – 27°F and a relative humidity between 40 – 65%.

1.4. MACHINING AND DRILLING

- + Due to their composition, the NATURHARDPANEL-W | NATURPANEL-W 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 NATURHARDPANEL-W | NATURPANEL-W catalogues or contact PARKLEX PRODEMA (parklexprodema@parklexprodema.com).

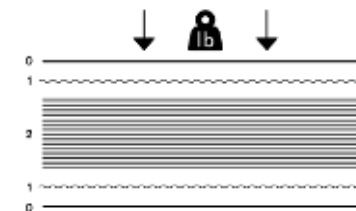
1.5. REPACKAGING

The NATURHARDPANEL-W | NATURPANEL-W 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. NATURHARDPANEL-W | NATURPANEL-W panels
3. 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 NATURHARDPANEL-W | NATURPANEL-W catalogues and/or website (www.parklexprodema.com), except where it has given express authorization.
- + NATURHARDPANEL-W | NATURPANEL-W is a product designed for use as interior wall and ceiling paneling that must have an air chamber. All installations must scrupulously follow the technical instructions described in the Technical Guide for Walls and Ceilings.
- + The temperature and humidity conditions of both the enclosure (slab, walls and ceilings) and the material are critical before and during the installation process. All installations must follow the technical instructions described in the Technical Guide for Walls and Ceilings.

+ 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 NATURHARDPANEL-W | NATURPANEL-W boards. However, if the surface becomes dirty it can be cleaned with lukewarm water mixed with liquid detergent, using a soft cloth and never rubbing the surface dry.
- + For persistent stains, conventional commercial bleaches can be used, always diluted in the concentrations recommended by the manufacturer.
- + Never use detergents containing abrasive particles.
- + Cloths, sponges or paper with abrasive agents, for example Scotch Brite or sandpaper, should never be used as they can damage the surface.
- + Cleaning with pressurized water machines is not allowed.
- + It is always recommended to carry out a cleaning test on a small area of the material, in order to verify the effectiveness of the procedure, and only then proceed with the entire surface.
- + The use of solvents and chemical cleaning products must always be carried out respecting the corresponding safety and hygiene rules.
- + There is a list of commercial products that can be used. For more details, consult the PARKLEX PRODEMA Technical Department.

1.8. PACKAGING WASTE

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

2. INFORMATION FOR USERS

2.1. ENVIRONMENTAL CONDITIONS DURING USE

- + The conditions in the room during the life of the product must be at a temperature between 15°C – 27°C and a relative humidity between 40 – 65%.
- + To achieve these conditions, humidification / dehumidification systems may be necessary.
- + If the indicated conditions are not met, deformations, cracks and in some cases even permanent damage may occur to the installed material.

2.2 MAINTENANCE

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

2.3. CLEANING

- + Refer to section 1.7. CLEANING.

2.4. REPAIR

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

2.5. INFORMATION FOR UNINSTALLATION

- + NATURHARDPANEL-W panels | NATURPANEL-W are part of an interior paneling, whose main components are easily separable and recyclable.
- + Recycling: the slats can be recycled. Recycling possibilities include its use as a filler material in wood-based panels for use in construction.
- + Deposit in landfill: the specifications that regulate the production and management of construction and demolition waste will be followed, as well as the applicable local regulations. It is also possible to recover it in incinerators for industrial use.

2.6. BOARD END OF LIFE

- + Reuse: The reuse of the NATURHARDPANEL-W | NATURPANEL-W panels will be encouraged in other applications with different requirements.
- + Recycling: 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).