



General Instructions #1.1 _ 23 JAN 2017

NoviClad Palace

Algemeen:

These instructions have been prepared for all those involved in the loading, unloading, storing, transporting, sawing, drilling, machining, assembly or applying the NoviClad Palace Panel. Failure to follow these instructions results in invalidation of the product guarantee.

Transportation and Storage

During transportation the panels must be supported by a pallet of the same size, hedged against external influences.

Lifting the panels by lifting equipment from pallet to pallet or from pallet to scaffolding must be done with wide non metal straps and not with metal chains which can damage the panels edges. The use of suction cups must be avoided. A good alternative for lifting the panels is by using a frame on which the panels can rest in near-vertical position.

When stacked the panels must be protected from rain. Water infiltration in a stack of panels can cause staining. Therefore the panels must be stored in well ventilated conditions with protection to rain.

Stacking the panels must be done in stable horizontal conditions. The bottom of the pallet must be completely closed or made with well aligned battens with max intermediate distances of 40 cm..

Never 'drag' the panel off a stack of panels. Instead the panels must be lifted up by two persons and turned vertical and carried to the next place.

Cutting

The panels must be cut with the correct equipment. Standard cutting blades, used for cutting metal, plastic, wood, stone or concrete are not allowed..

A correct cutting blade is a cutting blade recommended by the seller as a cutting blade specially for fiber cement. This can be a cutting blade with Widia teeth. The number of teeth is limited to 4, 6 or 8 pcs. For example: 4 teeth for diameter 160 mm blades, and 6 teeth for diameter 225 mm blades. A product datasheet for a blade with diameter 160 mm is available on our website www.noviclad.be or can be requested by e-mail to info@noviclad.be. This particular cutting blade combined with a Festo circular saw machine and a cutting rail is a correct solution to cut the panels. The cutting must be done while the panel is well supported on a flat horizontal table. The cutting machine runs over a rail which is positioned on top of the panel. This way the cutting machine cannot damage the panel surface. The panel must be clamped on the table to avoid vibrations. When during cutting there would be crumbling edges, then it is clear that wrong cutting blade is used, or a machine with a wrong speed. In case of chipping edges, do not continue and investigate what is wrong with the cutting installation. In some cases, such as minor chipping then the edge can be corrected by using a sanding block with fine paper. The edge sanding must be done continuously under the same angle. In case of good cutting do not use a sanding block.

Cutting must always be executed taking into account the local labour rules and with dust extraction and by using a dust mask. Cutting dust must be immediately removed after cutting, with a soft brush. Do not leave any dust on the panel surface because when in contact with water this can create cement staining.

Drilling

To drill the holes in the panel one must use the drills supplied by NoviClad. Normal stone or concrete drills are inadequate. Always use the correct drill diameter according to the Application Instructions.

Drilling dust must be immediately removed after drilling with a soft brush. Do not leave any dust on the panel surface because when in contact with water this can create cement staining .

Installation, Fixing

The panels can be used for different applications such as garden furniture or parts of furniture, interior cladding or exterior cladding,

In this instruction sheet only cladding of external walls is dealt with. For all other applications please contact info@noviclad.be .

In exterior applications the panels must be fixed according to the ventilated façade principle.

The panels must be fixed to a frame work or to a set of profiles, in wood, steel or aluminium.

The fixing of the panels onto a wooden subframe must be done with screws, delivered by NoviClad.

The fixing of the panels onto a metal subframe must be done with special rivets delivered by NoviClad.

Glueing the panels in exterior condition is not supported except under guarantee of a bonding material supplier who must test the combinations prior to execution.

The design, the installation details and the installation must be done by experienced and professional people and by taking into account the Product Data of NoviClad. Windload, thermal and hygric expansion must be taken into account to design fixing pattern and subframe.

If not sure about any issues please contact info@noviclad.be .

Health and Safety.

Please consult the material safety datasheet.

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