



**Novawall Systems, inc.**

1-800-695-6682

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www.novawallform.com

# **NOVAFORM ACOUSTIC PANELS**

## **Handling & Care Instructions**

**Your NOVAWALL® system has been designed to minimize the cost of maintenance while preserving its pristine appearance. The following information is a list of instructions to care for your NOVAWALL® installation.**

### **Environmental Commitment**

Novawall Systems, Inc. is committed to our clients' needs and offers a product line that will promote the design and implementation of a healthy sustainable building with minimal impact on the environment while remaining in complete compliance with fire and safety codes as well as maintaining superior product quality"

### **Novaform Acoustic Panel LIMITED WARRANTY**

Novawall® provides a Limited 2-year Warranty to the Authorized Distributor or Certified Installer for Novaform Acoustic Panels.

This warranty does not cover a significant change to indoor temperature or humidity, damage by others or normal wear and tear. The use of cleaning agents other than by an authorized Novawall distributor or certified installer will void this warranty. Assumes installation is inside an interior installation, with air conditioning with limited exposure to direct or excessive sunlight.



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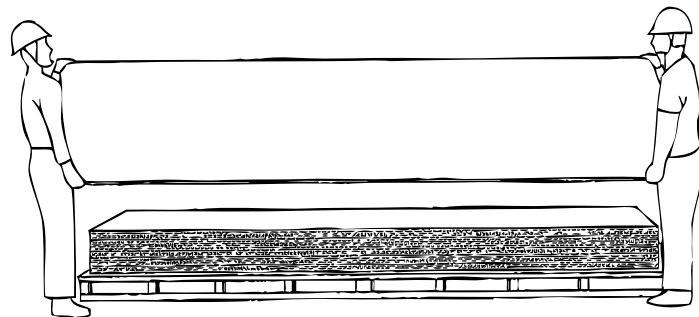
### Handling:

When handling unmasked sheets, make sure hands are clean and oil free: cotton gloves are recommended.

If lifting devices are not available, Novaform Acoustic Panels can be unloaded manually. However, it is very important to follow special procedures for your safety:

- Handle one sheet at a time
- Sheet should be handled on the edge
- Carry Vertically
- Always have heavy-duty protective gloves and proper safety shoes
- Two people

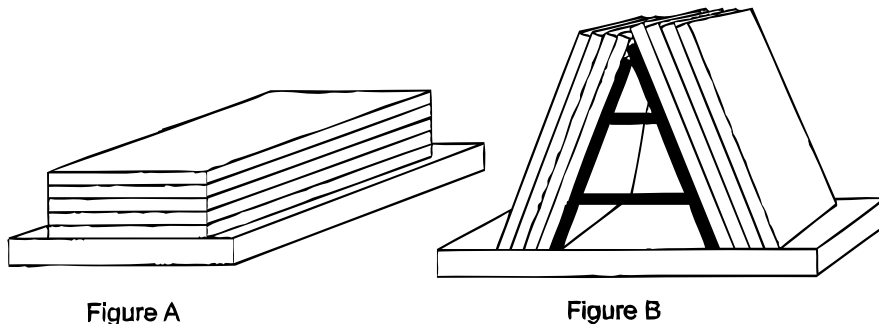
Sheets should be carried one at a time on edge with one hand under to support and one hand for control.



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### STORAGE:



Novaform Acoustic Panels must be stored in a dry place. It is advisable to place a polyethylene cover over the stack when a sheet is removed, to reduce moisture absorption. It is recommended that sheets should be stored horizontally on their original delivery pallets, and that the pallets be placed on horizontal storage shelves. It is strongly recommended that pallets should not be stacked, which carries the risk of creating internal tensions and spoiling the flatness of the sheets. Please see figure A.

If a vertical storage method is adopted, it is preferable that the sheets be leaned against solid supports inclined at approximately 80° to avoid any bending, the base of the sheet should be fully supported by flat floor or stable platform. As illustrated in figure B.

It is strongly recommended to avoid storage longer than 6 months.

Panels should be stored indoors in a cool, dry, well ventilated area out of direct sunlight and away from heat sources. Avoid temperature extremes during storage and allow the material to acclimate to ambient room temperature before installation.

Do not allow water to come into direct contact with the material during storage. This could cause the material to warp, stain, or delaminate.



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### **FABRICATION:**

Novaform Acoustic Panel can be fabricated by the installer on-site, allowing last minute changes to be made, such as electrical point cut-outs etc.

### **MACHINING:**

It can be machined using Oscilating cutter on CNC, Table saw, Box-Cutter knife, Jigsaw cutter.

### **Recommendations for machining:**

- Excessively fast machining causes local overheating, generating internal stresses which must subsequently be relieved by annealing
- Best results will be achieved by using only very sharp tools, ensuring the efficient removal of swarf, not overheating the material
- During machining, parts must be clamped properly to avoid any vibration
- Strong vibration may result in a poor edge finish or broken sheet



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### **CUTTING:**

- Horizontally measure the top and bottom of the wall to determine the panel width required, as not all walls are square;
- Use a ballpoint pen to gently mark these measurements;
- Always support the Novaform panel, using a table or sheet of panel material;
- Always ensure that all cutting blades are sharpened prior to use;

### **TABLE SAW:**

- Allow the panel to pass through the saw with even pressure – do not force the panel

### **CIRCULAR SAW:**

Circular saws give a straight, accurate cut. This is the most frequently used technique. When cut correctly, Novaform Acoustic Panel sheets have a clean surface.

Carbide-tipped blades are recommended for industrial use, for cutting piles of sheets.

### **HAND SAW:**

A fine tooth panel saw may be used to cut Novaform Acoustic Panel;

Mark the panel for the cut, hold the blade of the hand saw at a very low angle, so that it is almost fit at to the edge of the board;

- Cut slowly and carefully with even strokes



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### **JIGSAW**

Jigsaws with blades suitable for wood or plastics can be used for short distances such as power point openings. Do not allow blade to overheat.

### **DRILLING AND OPENING**

Drilling can be carried out with fixed or portable drilling machines, fitted with high speed, super-high speed or carbide-tipped steel drills for light metal.

The use of carbide-tipped drills is recommended, to obtain a high-grade finish on the sides of the holes. Best results will be achieved with a slow to medium drill speed.

### **INSTALLATION:**

Please inspect carefully upon receipt of Novaform Acoustic Panel's; replacement policy does not allow for any labor charges incurred during or after fabrication on the defective materials.

The following list is a mandatory check list for fabricators when working with Novaform Acoustic Panel's.

- Please check piece sizes, colour, design , finishing prior to fabrication or install.
- Clean surfaces with denatured alcohol before applying adhesive to prevent bonding failure.



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Novaform Acoustic Panels are simple to install using construction adhesive and if desired double sided tape. It can be fixed directly to a timber frame wall or it can be laid over an existing wall lining, such as plaster board.

### **IMPORTANT NOTES:**

- Do not rush your installation. Take time and care during installation to achieve a professional finish.
- DO NOT USE SOLVENT BASED CONTACT ADHESIVES

Every application requires special attention and if unsure of which fixing method to use please contact Novawall Systems.

For assistance or recommendations on repairs for your Novaform panels please contact our Technical Support department at 1-800-695-6682



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### **CLEANING:**

Your Novaform Acoustic Panel System has been designed to minimize the cost of maintenance while preserving its pristine appearance. The following information is a list of instructions to care for your NOVAWALL® installation.

- Use warm water and mild detergent to remove stains
- Check for die bleeding in an inconspicuous area of the panel.
- Be careful not to rub too hard, as fraying may occur
- Tide to go, and Magic eraser work well too.
- Shampooing is not ideal as shampoo can attract more dirt later
- Light steam cleaning is also an option for stubborn stains.
- If you are using a method where the adhesive or tape may become wet, this might lead to panel delamination from the wall.

Behind Panel Access: Should work in your facility require access behind the NOVAWALL® installation, contact your NOVAWALL® Certified Installer for assistance in PET Panel removal and replacement.

All repairs or panel replacements should be handled by your NOVAWALL® Certified Installer or the warranty may become void