



## Impression™ Graphic panels

Rev. 02 8/15

### Please Read Disclaimers:

#### PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION!!

These guidelines are provided in good faith to help prevent any problems caused by common errors in installation. The manufacturer and/or distributor of this product shall not be held responsible for installation actions taken or not taken. There are many details of installation that are assumed to be general construction knowledge to experienced installers; which are not included in these instructions. These installation guidelines are intended to be strictly recommendations and are NOT to serve as a step-by-step, fail-safe installation checklist. Conditions of use are beyond our control and all risks are assumed by the user. Selection of an experienced installer is the sole responsibility of the project owner and architect.

Nudo Products, Inc. does not accept any responsibility for job failure resulting from or associated with improper site environmental conditions.

#### Uses & Applications:

Impression panels should only be installed over a solid wall surfaces (wood, drywall, etc.) It should NOT be applied directly to wood or metal studs. Wall surfaces should be clean, flat, dry and smooth. Uneven wall surfaces should be corrected for best result. Following adhesive manufacturers application guidelines when choosing proper adhesives for the particular substrate you are bonding to is highly recommended.

Impression panels may also be used as drop in ceiling panels. Clips are recommended to hold panels in place.

**Safety Instructions:** When cutting or drilling, always wear protective glasses or goggles and a face mask which covers the face and mouth. Itching due to fibers may be avoided by the use of barrier creams on exposed skin areas.

- Tools Needed**
- Power saws with carbide tipped saw blades
  - Power drill with carbide bits
- Materials Needed**
- Impression panels
  - Adhesive manufacturer's recommended adhesive and trowel
  - Rags and non-abrasive cleaner, soap and water, mineral spirits, for use in clean-up
  - Personal protection equipment (goggles & mask)
  - Tape measure
  - Seam finishing (Aluminum trim, PVC trim or color match caulking)
  - Sandpaper for roughing up walls
  - Pencil
  - Saw horses
  - Painter's tape
  - Plywood larger than panels
  - Ladders or scaffolding

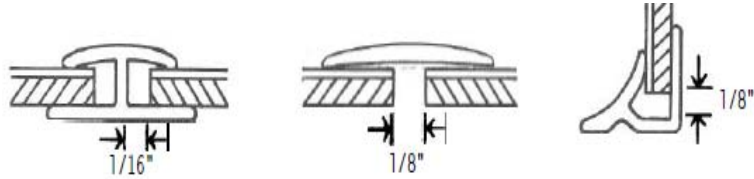


## Storage and Preparation

All Impression graphic panels should be stored indoors in a dry area. Do not store panels outdoors. Graphic panels should be kept protected until ready to install. Panel should be acclimated to temperature and humidity of space for at least 24 hours prior to installation. Ideally, the room temperature and humidity during acclimation and installation should be the same as the final operation conditions. Optimum storage conditions are 60°F (16°C) to 75°F (24°C) and 35% to 55% relative humidity.

## Expansion & Contraction

Impression panels will expand and contract. Always allow 1/8" gap at ceiling, base and gap between panels. Allow more space for expansion and contraction when installing around pipes, conduits, electrical outlets, etc.



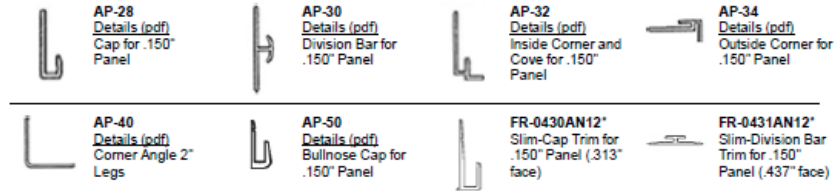
## Molding

Use of moldings and silicone sealant with panels is recommended to achieve a moisture resistant installation. Cut molding to size and place silicone sealant into channel of molding during installation. See below Aluminum molding reference chart

Available in 10' length.

Available Color:

Component Drawings



\*Only available in 12' length.

Note: Please refer to Nudo website ([www.nudo.com](http://www.nudo.com)) for additional accessory options.

## Adhesive



100% adhesive coverage is required when installing Impression graphic panels. Titebond Advanced Polymer adhesive is recommended. Refer to adhesive manufacturers guidelines for adhesive acceptable for use on drywall, plywood, OSB and gypsum walls. Adhesive failure is not panel failure.



Example of properly troweled adhesive application

**NUDO**

Nudo Products, Inc.  
1500 Taylor Avenue  
Springfield, IL 62703  
Phone 1.800.826.4132 \* 1.217.528.5636  
Fax 1.217.528.8722

Form 6003.I Rev. 02 8/15  
[Info@nudo.com](mailto:Info@nudo.com)  
[www.nudo.com](http://www.nudo.com)

## Installation Reminders

1. Follow safety and fire guidelines during installation and use of panels. Comply with local building codes.
2. Pre-condition panels for 48 hours prior to installation and allow for expansion and contraction during installation.
3. Trim panel to fit properly. All inside corners of cutouts must be radiused as large as possible, 1/8" (3.18mm) minimum, to avoid stress cracking. Holes for screws or bolts should be pre-drilled oversized.
4. Follow all recommended standard practices, conditions, procedures, and recommendations as specified by ANSI/NEMA LD3-2005, Architectural Woodwork Quality Standards and ANSI 161.2-1998 Standards.
5. Start installation of molding in any inside corner, marking the plumb line (48<sup>1/8"</sup>) for vinyl trim and (48<sup>1/16"</sup>) for aluminum trim.
6. First panel installed should be set true with plumb line. Check plumb line during installation.
7. Cut moldings as needed for proper fit. The divider, edge cap, ISC & OSC moldings may be cut to accommodate ceiling and base finishes.
8. Apply 100% adhesive to backside of panels. (Refer to adhesives manufacturer guidelines).
9. Insert panel into inside corner molding allowing for expansion contraction, place panel into corner of wall and align with plumb line.
10. Once panel is placed on wall, use roller to remove any air pockets.
11. Place dividing trim on edge of first panel and continue with next panel applying adhesive to back of panel, sliding panel into division bar, align with plumb line, and use roller to remove any air bubbles.
12. Cut panels, if required, placing a protection cloth between saw and panel face to protect surface.
13. Always protect graphic panel face when installing.
14. Prior to installing the last panel on the first wall, insert an inside corner on the leading edge of the panel. The first panel on the new wall will slide into the last panels inside corner of the existing wall, completing the transition. Continue this method working in one direction around the room.
15. In high moisture areas or certain situations, composite panels should be installed with silicone and/ or non-corroding fasteners. Fasteners should be installed to fit snug, but should not be over tightened. Carefully select the proper length and width of rivet fasteners for the covered project substrate.
16. When installing in ceiling, hold-down clips are used to secure panels in a suspended ceiling.
17. Clean panels, if required, after installation.

Note: Impression Graphic Panels can be integrated with Allure and Elements panels into one system.

## Cleaning Instructions

Impression panels are designed for minimum care and maintenance. In most cases, you only need to use a clean, damp, non-abrasive cotton cloth and mild liquid detergent or household cleaner. Rinse with clean water, using a clean, non-abrasive cotton cloth. Dry the surface with a soft, clean, non-abrasive cotton cloth. When cleaning panels DO NOT USE abrasive cleaners, steel wool, sandpaper, or Scotch-Brite™ scouring pads.



Nudo Products, Inc.  
1500 Taylor Avenue  
Springfield, IL 62703  
Phone 1.800.826.4132 \* 1.217.528.5636  
Fax 1.217.528.8722

Form 6003.I Rev. 02/8/15  
[Info@nudo.com](mailto:Info@nudo.com)  
[www.nudo.com](http://www.nudo.com)



## Impression™ T & G Graphic panels

Rev. 02 8/15

### Please Read Disclaimers:

#### PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION!!

These guidelines are provided in good faith to help prevent any problems caused by common errors in installation. The manufacturer and/or distributor of this product shall not be held responsible for installation actions taken or not taken. There are many details of installation that are assumed to be general construction knowledge to experienced installers; which are not included in these instructions. These installation guidelines are intended to be strictly recommendations and are NOT to serve as a step-by-step, fail-safe installation checklist. Conditions of use are beyond our control and all risks area assumed by the user. Selection of an experienced installer is the sole responsibility of the project owner and architect.

Nudo Products, Inc. does not accept any responsibility for job failure resulting from or associated with improper site environmental conditions.

#### Uses & Applications:

Impression T&G panels may be installed vertically or horizontally depending on graphic design over a solid wall surfaces (wood, drywall, etc.) or directly to wood or metal studs. Wall surfaces should be clean, flat, dry and smooth. Uneven wall surfaces should be corrected for best result. If using adhesive, following adhesive manufacturers application guidelines when choosing proper adhesives for the particular substrate you are bonding to is highly recommended.

Impression T&G panels may also be used by mechanically attached to ceiling supports or grid.

**Safety Instructions:** When cutting or drilling, always wear protective glasses or goggles and a face mask which covers the face and mouth. Itching due to fibers may be avoided by the use of barrier creams on exposed skin areas.

- Tools Needed**
- Power saws and drill with carbide tipped saw blades
  - Bits and/or self tapping screws
- Materials Needed**
- Impression T&G panels
  - Adhesive (Optional) manufacturer's recommended adhesive and trowel
  - Rags and non-abrasive cleaner, soap and water, mineral spirits, for use in clean-up
  - Personal protection equipment (goggles & mask)
  - Tape measure and straight edge
  - Straight Edge
  - Hammer and Tapping Block
  - Sandpaper for roughing up walls
  - Caulking gun
  - Saw horses
  - Utility Knife
  - Plywood larger than panels
  - Ladders or scaffolding

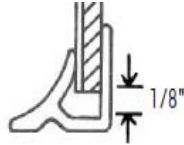


## Storage and Preparation

All Impression T&G graphic panels should be stored indoors in a dry area. Do not store panels outdoors. Graphic panels should be kept protected until ready to install. Panel should be acclimated to temperature and humidity of space for at least 24 hours prior to installation. Ideally, the room temperature and humidity during acclimation and installation should be the same as the final operation conditions. Optimum storage conditions are 60°F (16°C) to 75°F (24°C) and 35% to 55% relative humidity.

## Expansion & Contraction

Impression T&G panels will expand and contract. Always allow 1/8" gap at ceiling, base and edge of panels. Allow more space for expansion and contraction when installing around pipes, conduits, electrical outlets, etc.



## Molding

Use of moldings and silicone sealant with panels is recommended to achieve a moisture resistant installation. Cut molding to size and place silicone sealant into channel of molding during installation. See below reference chart



Note: Please refer to Nudo website ([www.nudo.com](http://www.nudo.com)) for additional accessory options.

## Adhesive



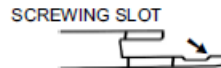
When using adhesive, 100% coverage is required when installing Impression T&G graphic panels. Titebond adhesive is recommended. Refer to adhesive manufacturers guidelines for adhesive acceptable for use on drywall, plywood, OSB and gypsum walls. Adhesive failure is not panel failure.



Example of properly troweled adhesive application

## Metal Fastening

Fasten all panels in the center of the screw slot with a the appropriate screw for substrate 16" x 24" apart. A flat head countersunk screw (example: 1 1/4" #6 Phillips Bugle head screw) should be used as the main method of fastening panels (staples are not recommended). For cement substrate, 1 1/4" 3/16" Tapcon Screw is recommended.



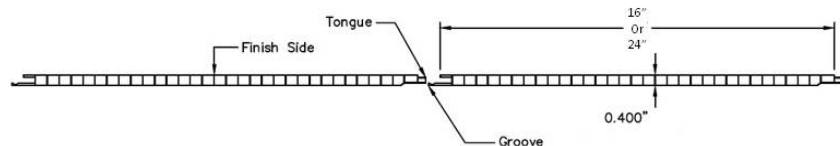
**NUDO**

Nudo Products, Inc.  
1500 Taylor Avenue  
Springfield, IL 62703  
Phone 1.800.826.4132 \* 1.217.528.5636  
Fax 1.217.528.8722

Form 6003.I-T&G Rev. 02 8/15  
[Info@nudo.com](mailto:Info@nudo.com)  
[www.nudo.com](http://www.nudo.com)

## Installation Reminders

1. Follow safety and fire guidelines during installation and use of panels. Comply with local building codes.
2. Pre-condition panels for 48 hours prior to installation and allow for expansion and contraction during installation.
3. Cut panels, if required, placing a protection cloth between saw and panel face to protect graphic surface. Trim panel to fit properly using a table saw with fine tooth blade, powered miter saw with fine tooth blade in conjunction with a straight edge to guide while scoring with a fixed blade utility knife. Score 4-5 times using pressure to cut completely through panel.
4. All inside corners of cutouts must be radiused as large as possible, 1/8" (3.18mm) minimum, to avoid stress cracking. Holes for screws or bolts should be pre-drilled oversized.
5. Start in one corner and lay J-Cap edge, open face-up, along the floor and open face-down along ceiling creating a channel to insert wall panel (unless inside corner is installed at ceiling). Insert a thin bead of clear silicone caulking along the inside of J-Trim to provide a waterproof seal and fasten every 16" or 24" along top and bottom of wall.
6. Make a nice clean border around doors and windows openings by installing J-Cap or OC, prior to installing wall panels.
7. Cut moldings as needed for proper fit. The edge cap, ISC & OSC moldings may be cut to accommodate ceiling and base finishes.
8. Depending on the application and conditions, you may want to apply adhesive to the back center of the panels from top to bottom and add a small bead of clear silicone caulking on channel opening of trim piece to provide waterproofing.
9. Take first wall panel which is 1/2" shorter than actual wall, and place in corner, tongue first and raise up into the ceiling trim (IC or J-Cap) and then bend slightly in the middle as to get the panel to fit into J-Cap channel at base of wall.
10. To allow for expansion and contraction, raise the panel 1/4" off the floor and fasten the panels groove flange every 16" - 24". On the first panel you must also fasten the tongue side with screws near the corner, within an 1" from the edge allowing the trim piece to cover them.



11. Always protect graphic panel face when installing.
12. Make sure First panel is level in place and proceed to install the remaining panels in the same fashion. You may choose to use a 2x4 wood piece to tap groove flange onto tongue of panels. Continue to add trim pieces to terminate top and bottom of panel in the process.
13. To create a water-tight corner at door and window openings please insert a small bead of clear silicone caulking on channel opening of trim pieces before installing panels.
14. Continue the method working in one direction around the room.
15. You may need to trim down last panel to complete install. Measure remaining space distance at the groove edge of panel. Cut panel 1/4" short of measurement, allowing 1" wall trim to cover edge. Insert a small bead of clear silicone caulk into edge trim piece, slide the last panel in to terminating trim channel, fasten screws along the cut edge within 1" of the corner, allowing trim to cover screws completing installation.

**NUDO**

Nudo Products, Inc.  
1500 Taylor Avenue  
Springfield, IL 62703  
Phone 1.800.826.4132 \* 1.217.528.5636  
Fax 1.217.528.8722

Form 6003.I-T&G Rev. 02 8/15  
[Info@nudo.com](mailto:Info@nudo.com)  
[www.nudo.com](http://www.nudo.com)

Note: THE CEILINGS SHOULD BE INSTALLED PRIOR TO WALLS. If the ceiling has just been installed use the existing inside corner trim to edge wall panels. Panels can be installed over masonry block, metal and wood framing studs, so make sure you have selected the proper fasteners for the application.

1. When installing in ceiling, secure panels to ceiling joists or suspended ceiling system.
2. Clean panels, if required, after installation.

### **Cleaning Instructions**

Impression T&G panels are designed for minimum care and maintenance. In most cases, you only need to use a clean, damp, non-abrasive cotton cloth and mild liquid detergent or household cleaner. Rinse with clean water, using a clean, non-abrasive cotton cloth. Dry the surface with a soft, clean, non-abrasive cotton cloth. When cleaning panels DO NOT USE abrasive cleaners, steel wool, sandpaper, or Scotch-Brite™ scouring pads.



Nudo Products, Inc.  
1500 Taylor Avenue  
Springfield, IL 62703  
Phone 1.800.826.4132 \* 1.217.528.5636  
Fax 1.217.528.8722

Form 6003.I-T&G Rev. 02 8/15  
[Info@nudo.com](mailto:Info@nudo.com)  
[www.nudo.com](http://www.nudo.com)