



Elements™ 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:

Elements 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.

Elements 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 and materials needed**
- Power saws with carbide tipped saw blades
 - Power drill with carbide bits
 - Elements 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

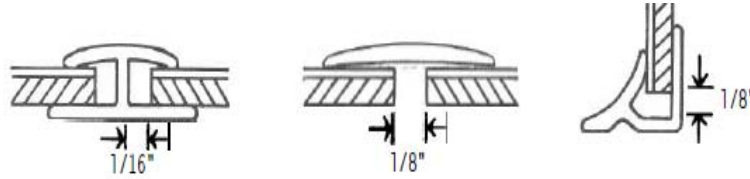


Storage and Preparation

All Elements panels should be stored indoors in a dry area. Do not store panels outdoors. Panels should be unwrapped and removed from skid and stacked on a flat, dry surface. Do not stand panels on edge or stack on fresh concrete floor or any other surface that emits moisture. 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

Elements 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.

Anodized

Available Color:

Component Drawings



AP-28
Details (pdf)
Cap for .150"
Panel



AP-30
Details (pdf)
Division Bar for
.150" Panel



AP-32
Details (pdf)
Inside Corner and
Cove for .150"
Panel



AP-34
Details (pdf)
Outside Corner for
.150" Panel



AP-40
Details (pdf)
Corner Angle 2"
Legs



AP-50
Details (pdf)
Bullnose Cap for
.150" Panel



FR-0430AN12*
Slim-Cap Trim for
.150" Panel (.313"
face)



FR-0431AN12*
Slim-Division Bar
Trim for .150"
Panel (.437" face)

*Only available in 12' length.

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

Adhesive



100% adhesive coverage is required when installing Elements 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

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Form 6003.E Rev. 02 8/15
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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^{1/8"}) for vinyl trim and (48^{1/16"}) 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. 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.
14. 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.
15. When installing in ceiling, hold-down clips are used to secure panels in a suspended ceiling.
16. Clean panels, if required, after installation.

Note: Element panels can be integrated with Allure and Impression panels into one system.

Cleaning Instructions

Elements 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.



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