

Nudo Utilite™ Class A Wall & Ceiling Panels

Nudo Utilite™ is an interior Class A interlocking wall and ceiling panel. These seamless fluted vinyl wall and ceiling panels are 16" and 24" wide, and come in 8', 12', 16' and 20' lengths. The 24" wide panels are available in a straight edge drop-in ceiling panel, 2 x 2 and 2 x 4. The high gloss bright white finish is optimal for clean room and sanitary panel systems. These durable, lightweight panels are easy to easy to maintain, and are ideal in dairy facilities, processing plants, carwashes, high wash down areas where a sanitary environment is required.

Physical Properties: Table 1

| Property | Typical Value* | | Test Method |
|------------------------------|----------------|----------------------|-------------|
| Surface Burn Test | Class A | NFPA / IBC | ASTM E84 |
| Surface Burn Test - Canadian | Class A | CFIA | ULCS 102.2 |
| Flexural Strength | 2,223 | Lbf /in ² | ASTM C393 |
| Flexural Modulus | 156,976 | psi | ASTM C393 |
| Flexural Load | 10,496 | psi | ASTM D3043 |
| Tensile strength | 1,308 | psi | ASTM D638 |
| Izod Impact | 1.57 | Ft-lbs/in | ASTM D256 |

*These are typical values and are not to be construed as specific product limits

Physical Properties: Table 2

| Part Number Identifier | Nominal Panel Thickness | Nominal Panel Weight | Color | Size |
|------------------------|-------------------------|----------------------|------------------|--|
| NP-400 | .400 (10mm) | 1.0psf | White High Gloss | 16" x 8', 10', 12', 16' x 20' 24" x 8', 10', 12', 16' x 20' 24" X 2', 4' |

SPECIFICATIONS: The Utilite panels are a seamless tongue and groove plastic panel.

COMPOSITION:

1. Fluted PVC.

FINISHED PANEL QUALITY:

1. The backside shall be smooth. Backside imperfections which do not affect functional properties are not cause for rejection.
2. Physical properties shall be set forth in Table 1.
3. Product quality standards and tolerance for panel weight and thickness shall be set for in Nudo Product, Inc. Quality Control Procedures/Standards which are available upon request.
4. Panels shall be installed in accordance with the manufacturer's guidelines as set forth in the installation guide.

CERTIFICATION:

1. Meets the minimum requirements of the major model building codes for Class A interior wall and ceiling finishes. Flame spread of less than 25, smoke development less than 450 per ASTM E-84.

FABRICATING RECOMMENDATIONS:

Note: Protect your eyes with goggles; cover your nose and mouth with a filter mask when cutting Utilite panels. When cutting Utilite, position the panel so that the saw blade enters the glossy front side first, to avoid damaging face of panel.

Hand Fabricating: Drilling – high speed drill bit (60° cutting angle, with 12° - 15° clearance) or hole saw.

Cutting: 72-tooth circular saw with reinforced carborundum or carbide-tipped blade.

STORAGE:

Utilite should be stored horizontally indoors on a contiguous flat surface. Protective film should remain on the panel until installation. Panels should never be stored on the floor or an outside wall. Optimum storage conditions are 60°F (16°C) to 75°F (24°C) and 35% to 55% relative humidity.

PRECONDITIONING:

Prior to installing Utilite, remove the packaging materials and allow the panels to acclimate to room temperature and humidity for at least 48 hours. Ideally, the room temperature and humidity during acclimation and installation should be the same as the final operation conditions. **DO NOT REMOVE PROTECTIVE FILM FROM PANEL SURFACE UNTIL AFTER INSTALLATION AND BUILDING IS AT OPERATIONAL TEMPERATURE CONDITIONS.**

PRODUCT LIMITATIONS:

Utilite should never be exposed to extremely high or extremely low moisture conditions. When installing keep panels 24" from Heater and shield Radiant Tube Heater. Utilite is designed to be installed over a solid wall surface or directly installed over studs, concrete, concrete block, or non insulated exterior walls. Utilite should be installed between 60°F (16°C) to 75°F (24°C) and 35% to 55% relative humidity. Do not install panels using Power Nail Guns or Staples, use only recommended fasteners per manufacturers installation guidelines. Non-compliance with product limitations may affect future performance and voids warranty.

We believe all information given is accurate. It is offered in good faith, but without guarantee. Since conditions of use are beyond our control, the user assumes all risks. Nothing herein shall be construed as a recommendation for use that infringes on valid patent or as extending a license under valid permit.

CLEANING INSTRUCTIONS:

Utilite is easy to clean. In most cases, use a clean, damp, non-abrasive cotton cloth and a mild liquid detergent or household cleaner. Always rinse with clean water and a clean, non-abrasive cotton cloth. Dry the panels with a soft, clean, non-abrasive cotton cloth.

DO NOT USE: Abrasive cleaners with bleach, cleaners with acid, alkali or sodium hypochlorite. They will damage and permanently discolor the surface. Be sure that bottles, rags or other materials with these cleaners never come in contact with the surface.

Examples of harsh cleaners to avoid, include but are not limited to:

- Bleach
- Drain Cleaners
- Metal Cleaners
- Oven Cleaners
- Rust Removers
- Tub and Tile Cleaners
- Lime Scale Remover

REMOVAL OF STAINS:

To remove stains, use full strength Fantastik, All Purpose Cleaner, Formula 409, Pine-Sol, or other mild household cleaners. Blot with clean, damp, non-abrasive cotton cloth, and rinse with cleaner water. When recommended cleaner changes its formulation, the change may be harmful to the surface. Nudo Products, Inc. cannot be held responsible for these changes. Follow all directions and warnings on the cleaner label because many are extremely flammable.

Dyes and pharmaceutical products will permanently stain the panels. These include hair dyes and rinses, silver nitrate, laundry bluing, tannic acid, povidone-iodine, dermatological tar compounds, and peroxide. To reduce these stains, apply a paste of baking soda and water on the area to pull out the stain. Do not rub, as the paste will be slightly abrasive. Wipe up the past with a clean, damp, non-abrasive cotton cloth, and rinse with clean water.

Stains that are stubborn or even permanent and may not disappear include: wood stains, cash register inks, newsprint, marking pen inks, indelible ink, food pricing ink, and label inks.

Stubborn stains that may disappear on their own after a short time or after repeated cleaning include food stains, glass rings, water marks, coffee and tea stains.

FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS: The numerical flame spread and smoke development ratings are not intended to reflect hazards presented by Nudo Product, Inc. products or any other material under actual fire conditions. These rating are determined by small-scale tests conducted by Underwriters Laboratories and other independent testing facilities using the American Society for Testing and Materials E-84 test standards (commonly referred to as the "Tunnel-Test"). **NUDO PRODUCTS, INC PROVIDES THESE RATING FOR MATERIAL COMPARISON PURPOSES ONLY.** Like other organic building materials, (e.g. wood), panels made up of composite material will burn. When ignited, it may produce dense smoke very rapidly. All smoke is toxic. Fire safety requires proper design of facilities and fire suppression systems, as well as precautions during construction and occupancy. Local codes, insurance requirements and any special needs of the product user will determine the correct fire-rated interior finish and fire suppression system necessary for a specific installation.



1.800.826.4132 Phone
1.217.528.5636
1.217.528.8722 Fax

Form 3009.A Rev. 02 8/13

Info@nudo.com
www.nudo.com