

NU-BAY PANELS

A One-Stop solution to your high quality Head and Seat board requirements

- One side - Two sides - Insulated

PP-PRODUCT PRESENTATION

Nu-Bay Panels provide quality natural birch, red oak, fiberglass (Fiberglass Reinforced Plastic - FRP) or poly (High Density Polyethylene - HDPE) interior surfaces for Head and Seat board use.

Nu-Bay Panels are available in various thicknesses with both fir plywood or insulating foam cores.

Nu-Bay Panels feature either exterior grade fir plywood, aluminum, fiberglass (FRP), or poly (HDPE) back surfaces.

Nu-Bay panel materials and laminations are exterior grade rated, except for the hardwood plywood interior surfaces.

Nu-Bay panels carry a 10 year limited warranty.

Nu-Bay Panels are available in 4' x 8', 4' x 10' and 4' x 12' with thickness ranging from 3/4" to 2" depending on product selection.

NOTE: Figures 1 and 2 and section TS-Technical Support provide details of typical panel fabrication.

Birch and Oak Interior Surfaces

Natural birch and red oak interior surface panels are fabricated using 1/4" thick interior grade veneer core hardwood plywood.

Interior veneers are rotary cut whole piece, rotary cut book matched or plain sliced book matched depending on panel length.

Red oak interior veneers are free of sap woods.

Fiberglass (FRP) and Poly (HDPE) Interior Surfaces

Fiberglass interior surface panels provide .030" white textured fiberglass laminated to douglas fir exterior grade plywood.

Poly interior surface panels provide .015" white matte poly laminated to douglas fir exterior grade plywood.

Fiberglass and poly surfaces are available smooth and in other colors and thicknesses.

Panel Cores

Cores for **Nu-Bay** panels are either douglas fir exterior grade plywood or Expanded Polystyrene (EPS) foam. (Extruded foam cores are available.)

Core thicknesses are selected to meet the overall thickness of the specified finished product.

Panel Backs

Panel back surfaces include douglas fir exterior grade plywood, .013" white stucco embossed aluminum, .030" white textured exterior fiberglass, or .015" white matte exterior poly (HDPE).

Aluminum, fiberglass and poly backs are available smooth and in other colors and thicknesses.

SP-SPECIFICATIONS

Nu-Bay Panels

Natural birch, red oak, fiberglass (FRP) or poly (HDPE) interior surface laminated to plywood or EPS foam cores with plywood, fiberglass, poly or aluminum backs

***Product No.:** OK1250

Thickness & Description: 1-1/4" Oak with plywood core and back

***Product No.:** OK1250ME2

Thickness & Description: 1-1/4" Oak with plywood core and poly back

***Product No.:** OK1250N1

Thickness & Description: 1-1/4" Oak with plywood core and aluminum back

***Product No.:** BR1250

Thickness & Description: 1-1/4" Birch with plywood core and back

***Product No.:** BR1250ME2

Thickness & Description: 1-1/4" Birch with plywood core and poly back

***Product No.:** BR1250N1

Thickness & Description: 1-1/4" Birch with plywood core and aluminum back

***Product No.:** OK500-F100-ME2P500

Thickness & Description: 2" Oak with 1" EPS foam core and poly back

***Product No.:** BR500-F100-ME2P500

Thickness & Description: 2" Birch with 1" EPS foam core and poly back

***Product No.:** F3P375-F75-ME2P375

Thickness & Description: 1-1/2" Fiberglass with 3/4" EPS foam core and poly back

***Product No.:** ME2P375-F75-D

Thickness & Description: 1-1/2" Poly with 3/4" EPS foam core and poly back

Note: - All panels are available 4' x 8', 10', 12'

- Plywood core product is available in 3/4" and 1" thickness, substitute 750 and 1000 respectively

for 1250 in product no.

- Fiberglass backs available for all products, specify F3, i.e. BR 1250F3.

- Custom combinations and thicknesses available on request

*Partial product list.

UA-USES, APPLICATIONS

Nu-Bay panels provide an ideal solution for head and seat board needs in the manufacture of bow, bay and garden style windows.

Nu-Bay panel hardwood interior surfaces may be finished using most commercial finishes. Finishes including ferrous compounds should be avoided over oak unless filler is applied.

Nu-Bay panel backs with aluminum, fiberglass, or poly surfaces resist mold, mildew and ultraviolet discoloration when exposed to the elements.

TS-TECHNICAL SUPPORT

Due to the nature of the component parts used in the fabrication of these panels, moderate bowing of the finished product may be experienced.

Thicknesses specified for the panels are nominal. Plywood manufacturing tolerances may result in thickness variances of +1/32" to -3/32".

Approximate insulating properties for any panel may be determined by allowing a Thermal Resistance (R value) of 1 per inch for the wood component including any facing material plus 4 per inch when EPS foam cores are included. Example: R value for F3P375-F75-ME2P375 is approximately $3\text{-}3/4$ ($3/8 - 1 + 3/4 - 4 + 3/8 - 1$).

Due to the nature and composition of these panels which in combination are not considered hazardous, a Material Safety Data Sheet (M.S.D.S.) is not required. Each panel is considered to be an "article" as defined in 29 CFR 1910.1200(C).

AI-ASSEMBLY, INSTALLATION

Recommended applications, technical assistance, and samples of these products are available upon request.

AC-AVAILABILITY, COST

For availability and pricing information contact Nudo Products, Inc. or nearest distributor.

* **Notice:** Panels and components made of wood, EPS, HDPE, fiberglass and aluminum may be combustible and accordingly, should be used in compliance with local codes and insurance regulations.

* **Nonwarranty:** The information contained in this program is presented in good faith and is believed to be accurate, but without guarantee. Conditions of use are beyond our control and all risks are assumed by the user. Nothing herein is a recommendation for uses which infringe valid patents or as extending a license under valid patents.

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