

NUDO Fiber-Lite® Prelaminated Panels

The answer to strength, durability, sanitation and easy maintenance. The Fiber-Lite panel is a tough, fiberglass sheet factory laminated to waferboard or plywood combining the many advantages of wood and fiberglass (FRP). Ideal for new construction of walls, ceilings or partitions.



Fiber-Lite® panels can be used for walls, ceilings, partitions, fascias, mansards or any number additional uses and applications

Fiber-Lite® panels install directly to studs, ceiling joists, furring strips or solid surfaces and some Fiber-Lite® panels may be used for drop in ceiling tiles.

Fiber-Lite® panels can be used for interior (exterior available) applications. Proper selection of substrates and overlay thickness is required according to use of panel.

Fiber-Lite® panels may be used where USDA (United States Department of Agriculture), FDA and Agriculture Canada acceptance is required.

- ◆ White textured or smooth fiberglass (FRP), .030" laminated to waferboard, plywood, fire-rated particleboard or gypsum board. USDA certified surface.
- ◆ Wood substrate for structural strength rigidity.
- ◆ Resists moisture, stains, odors, chemicals, impact and scratches.
- ◆ Attractive textured or smooth surface will not hold dirt or food particles.
- ◆ 100% moisture barrier – 8 mil poly backer available.
- ◆ Cleans easily with steam, high pressure sprayers or soap and water.
- ◆ Class C Fire-Rated surface. Class A available.
- ◆ All necessary moldings and fasteners available for easy installation.

- ◆ Tongue and groove panels available.
- ◆ USDA and MID certified surface.
- ◆ Installs directly to studs, ceiling joists, furring strips, solid walls or drop-in ceilings.
- ◆ Available in colors, various sizes and other substrates.
- ◆ .050" and .090" (FRP) overlays available for high abuse areas.

Physical and Engineering Properties of Fiberglass .030

	ASTM No.	Value/Units*
Brocal Hardness	D2583-934-1	35 Avg.
Flexural Strength	D790	17,000 P.S.I.
Flexural Modules	D790	6.9 x 10 ⁻⁵ P.S.I.
Compressive Strength	D695	19,000 P.S.I.
Compressive Modules	D695	8.1 x 10 ⁻⁵ P.S.I.
Tensile Strength	D638	12,000 P.S.I.
Tensile Modules	D638	9.43 x 10 ⁻⁵ P.S.I.
Elongation	D638	1.7%
Ignition Temperature	D1929	650° F+
Water Absorption	D570	.4% at 72 Hrs.
IZOD Impact	D256	6.0 Ft.-Lbs./In.
Flame Spread Index	E84-81A	195
Smoke Developed Value	E84-81A	360
Class		C/3
Thermal Expansion	D696	1.57 x 10 ⁻⁵ IN/IN/°F
Specific Gravity	D792	1.53

Thicknesses specified for the panels are nominal. Manufacturing tolerances may result in thickness variances of ± 1/32".

Values/Units shown are for Class C/3 Fire Rating, Class A/1 rating available. (Flame spread 25, smoke 335).

* F3W375-ASTME-84-97A (Flame Spread 175 Smoke Developed 250).

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

.030 Prelaminated Colors Available



White 50



White 148
SPS



Smooth
White
50



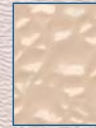
Black
806



Almond
698



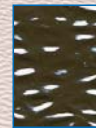
Pearl
750



Beige
293



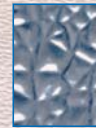
Bordeaux
139



Bronze
298



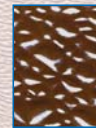
Orange
131



Dark Gray
710



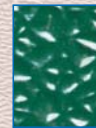
Blue
525



Brown
277



Red
132



Dark Green
233



Light Green
467



Yellow
334



Khaki
203

* Product No.	Thickness & Description	Sizes
F3P250	1/4" Fir Exterior Plywood	4'x8'
F3P375	3/8" Fir Exterior Plywood	4'x8', 10', 12'
F3W375	3/8" Waferboard – OSB	4'x8', 10'
F3DF375-FR	Fire-Rated Particleboard	4'x8', 10'
F3P500	1/2" Fir Exterior Plywood	4'x8', 10', 12'
F3PB500-FR-MR	.030" Text. FRP 1-Side on 1/2"	4'x8', 10', 12'
F3PB500-FR-MR-F200-X-CT	Fire-res./moisture res. gypsum w/2"EPS foam	
F3W500	1/2" Waferboard - OSB	4'x8'
F3DF500-FR	1/2" Fire Rated Particleboard	4'x8', 10'
F3W625	5/8" Waferboard – OSB	4'x8'
F3PB625-FR-MR	5/8" Fire-Rated Gypsum	4'x8', 10'

* Partial product list

Note: Use letter - S - for smooth (SF3P375)