



FIBERLINE WFG



Lightweight Composite board with wood veneer surface

New generation product with fiber reinforced thermoplastic resin and industrial manufacturing process.

High strength and light weight

Flame resistant with low smoke emission.

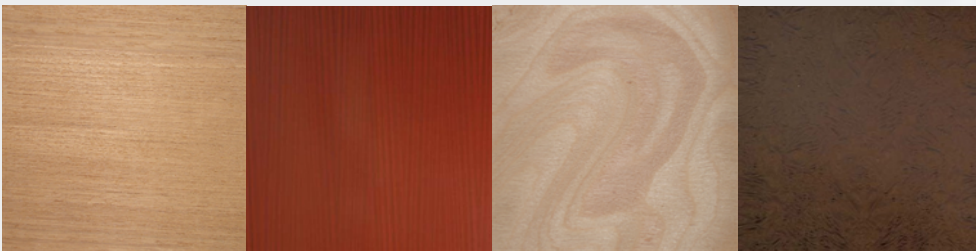
Exemples of wood veneer :

Teak

Mahogany

Ash burl

Walnut burl



Composition :

Face sheets	Fiberglass 300 g/m2 and PEI thermoplastic resin (Polyetherimide)	Th = 0,4 mm
Core	PVC foam Density 60 kg/m3	
Finish	Wood veneer on one or two sides	Th = 0,7 mm

Applications :

Lightweight interiors

Business aircrafts
Yachts,
Trains,
Trucks ...



FIBERLINE WFG

**Lightweight composite board
with wood veneer surface**

Joining:

With angle section, groove-and-tongue technique, cut-and-fold technique

Fixation:

With inserts, rivets, bounding

Milling, Drilling:

Hard metal tools/high speed

Cutting

Circular saw, hard metal saw blade with a high number of teeth

Bounding

Epoxy, polyurethane

Edge closure

Resin + wood veneer, wood section ...

Technical support available from CP CONCEPT

Size

Length (mm): 2 400

Width (mm): 1 100

Thickness (mm): 10, 13, **16**, 19, **22**

Call for other thickness

Properties

Flammability (with fire resistant polyurethane finish on wood)
in accordance with

NF P 92-507, NF 16.101 : M1

SOLAS A653: classification pending

FAR 25 : classification pending

Service temperature range (°C) -30 +100

Coefficient of thermal expansion (°C-1) 24x10-6

Faces tensile strength (Mpa) 250

Faces tensile modulus (Mpa) 20 000

Core compression strength (MPa) 0,85

Core shear strength (MPa) 0,8

Thickness (mm)	10	13	16	19	22
Areal weight (kg/m ²)	2,32	2,50	2,68	2,86	3,04