



FusionWood™ Technical Information

STORAGE

Sheets should be stored indoors on a solid, flat, dry surface. Do not stack on concrete floor or any other surface that emits moisture. Lay sheets flat with proper support on the ends of sheets. Do not stand sheets on edge. Sheets should be stored in a cool, well ventilated, dry area. Prior to installation, allow sheets to acclimate to the room temperature and humidity for 24-48 hours in the installation location.

SIZES

Plywood is 4' x 8' x 3/4", nominal

Hardboard is 4' x 8' x 1/8", nominal (Image area is 47" x 95")

Plywood

Level 0 = No detectable change.

Level 1 = Slight change in color or gloss.

Level 2 = Slight surface etching or severe staining.

Level 3 = Pitting, cratering, swelling, or erosion of coating. Obvious and significant deterioration.

Test No.	Chemical Reagent	Test Method	Rating	Test No.	Chemical Reagent	Test Method	Rating
1	Acetate, Amyl	A	0	26	Iodine, Tincture of	B	0
2	Acetate, Ethyl	A	0	27	Methyl Ethyl Ketone	A	0
3	Acetic Acid, 98%	B	0	28	Methylene Chloride	A	0
4	Acetone	A	0	29	Mono Chlorobenzene	A	0
5	Acid, Dichromate, 5%	B	1	30	Naphthalene	A	0
6	Alcohol, Butyl	A	0	31	Nitric Acid, 20%	B	0
7	Alcohol, Ethyl	A	0	32	Nitric Acid, 30%	B	0
8	Alcohol, Methyl	A	0	33	Nitric Acid, 70%	B	2
9	Aluminum Hydroxide, 28%	B	0	34	Phenol, 90%	B	0
10	Benzene	A	0	35	Phosphoric Acid, 85%	B	0
11	Carbon Tetrachloride	A	0	36	Silver Nitrate, Saturated	B	0
12	Chloroform	A	1	37	Sodium Hydroxide, 10%	B	0
13	Chromic Acid, 60%	B	0	38	Sodium Hydroxide, 20%	B	0
14	Cresol	A	0	39	Sodium Hydroxide, 40%	B	0
15	Dichlor Acetic Acid	A	0	40	Sodium Hydroxide, Flake	B	0
16	Dimethylformamide	A	0	41	Sodium Sulfide, Saturated	B	0
17	Dioxane	A	0	42	Sulfuric Acid, 33%	B	0
18	Ethyl Ether	A		43	Sulfuric Acid, 77%	B	0
19	Formaldehyde, 37%	A	0	44	Sulfuric Acid, 96%	B	0
20	Formic Acid, 90%	B	0	45	Sulfuric Acid (77%) and Nitric Acid (70%), equal parts	B	2
21	Furfural	A	0	46	Toluene	A	1
22	Gasoline	A	0	47	Trichloroethylene	A	1
23	Hydrochloric Acid,	B	0	48	Xylene	A	0



Design Beyond the Surface

	37%						
24	Hydrofluoric Acid, 48%	B	0	49	Zinc Chloride	B	0
25	Hydrogen Peroxide, 3%	B	0	50	Ammonia Hydroxide 28%		1

Hardboard

Physical Properties

Property	Test Standard	Result
Scratch Resistance	Hoffman	1500 grams
Wear Resistance	LD3 301-180 grit	250 cycles
Impact Resistance	LD3-303 steel ball drop	24 inches
Boiling Water Resistance	LD3-303 steel ball drop	No Effect
High Temp Resistance	LD3-306 350° hot wax container	No Effect
Hot & Cold Check Resistance	ANSI A 161-1	No Effect
Stain Resistance	LD3-309	No Effect
Reagents	1-29	No effect