## What Is Stonewood?

Stonewood Architectural Panels, manufactured by Fiberesin Industries, are solid phenolic panels. To produce Stonewood, raw kraft sheets are impregnated with phenolic resins and then thermally fused into a solid panel. Stonewood Panels are extremely durable, decorative, and easy to clean. They resist mold, mildew, water, chemicals, and fire.

All Stonewood kraft sheets contain at least 16% post-industrial, recycled wood content, and renewable energy is produced in the plant to heat the presses. Forest Stewardship Council™ certification is available for Stonewood Architectural Panels, both interior and exterior.
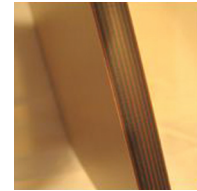
To produce Stonewood, raw kraft sheets are impregnated with phenolic resins, then thermally fused, turning the layers into a solid panel.

Stonewood Benefits

Proven, Tested Performance
• Extremely durable. Ideal for high traffic environments.
• Meets ASTM E-84 Class A and B fire rating.
• Tight manufacturing tolerances.
• Ten (10) year product warranty.
• Chemical-resistant for use in laboratory, medical, or educational environments where such surface properties are important.
• Tested and passed SEFA 3, SEFA8-PH-2010, Section 8.1.

Sustainability
• Available with Forest Stewardship Council™ certification.
• Negligible VOC's.
• Renewable energy is produced in the plant to heat presses.

Economical and Fast Delivery
• Standard three-week production lead time.
• All panels are made in Wisconsin, USA from domestic materials.
• Economical, fabricated self-edges or traditional edge treatments.
• Easily cut on the job site, preventing cut and measure errors.

Your Choice: Color, Shape, Size, Thickness
• Standard thicknesses: 3mm, 1/8", 3/16", 5mm, 6mm, ¼", 5/16", 8mm, 3/8", 10mm, 11mm, 7/16", 1/2", 13mm, 19mm, 3/4", 25mm, 1".
• Custom thicknesses available.
• Wide color selection to match major manufacturers at minimal upcharge.
• Add logos or other graphics to panels for instant branding and recognition.
• Create unique designs with any shape and specific sizes.

Installation/Attachment
• Attach with mounting clips from Brooklyn Hardware (recommended).
• Install with compatible third-party mounting systems.
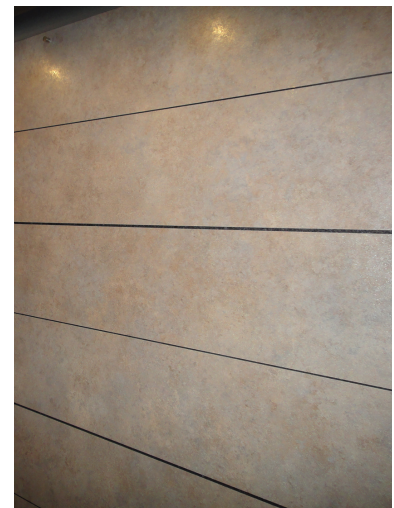
Construct spaces that are yours with clean, sophisticated design flare.

Do more than add color; create designs that capture your individual element.

Interior Panels

STONEWOOD ARCHITECTURAL PANELS

Made in America | Rapid Lead Times

Solid Core Phenolic Physical and Performance Test Values[1]

DESCRIPTION	TEST	NEMA REQUIREMENTS			
Thickness			0.156"	0.250"	0.500"
Light Resistance	3.3	Slight Effect	Slight Effect	Slight Effect	Slight Effect
Cleanability/Stain Resistance		Unaffected by Reagents 1-10	No Effect	No Effect	No Effect
	3.4	Moderate 11-15	Moderate Effect	Moderate Effect	Moderate Effect
Cleanability		Cleanability 20	10	10	10
Resistance to Boiling Water	3.5	No Effect	No Effect	No Effect	No Effect
Resistance to High Temperature	3.6	Slight Effect	No Effect	No Effect	No Effect
Ball Impact Resistance: Inches Drop	3.8	75"	90"+	96"+	96"+
Dimensional Change: Length (Machine Direction)	3.11	0.3% Maximum	0.25%	0.25%	0.25%
Width (Cross Direction)		0.7% Maximum	0.50%	0.50%	0.50%
Wear Resistance: Wear Values (Cycles)	3.13	400 Minimum	700	700	700
Weight Per Unit Area Lbs/ft2			1.07	1.71	3.42
Kg/m2			5.2	8.35	16.7
Density (PCF)			82	82	82

Fire Test Data

DESCRIPTION	CLASS A	CLASS B
Thickness	0.250"	0.250"
Flame Spread Index - ASTM E-84 (BLDG)[2]	15	30
Smoke Developed Values - ASTM E-84 (BLDG)[2]	15	105
Fire Rating[2] (Standard Product is Class B)	A	B[2]

FSC® Certified

FSC
www.fsc.org

The mark of responsible forestry
FSC® C115183

In March 2013 Fiberesin achieved FSC certification. Fiberesin Stonewood Architectural Panels, both exterior and interior, are available with Forest Stewardship Council™ certification.

1. Additional testing data available at www.stonewoodpanels.com.

2. Test Method: ASTM E84-13a - Standard Test Method for Surface Burning Characteristics of Building Materials. Also known as NFPA 255, UL 723 and UBC 8-1.