



Pyroblock Particleboard Plus



Description

Pyroblock Particleboard Plus is a Class A Fire Retardant, premium grade Particleboard panel that contains no added Urea Formaldehyde and uses fiber that contains 100% pre-consumer recycled content.

LEED Credits

MR 4.1 + 4.2

MR 5.1 + 5.2 (location dependant)

EQ 4.2 + 4.4

Uses

Pyroblock Particleboard Plus can be used in multiple applications, wherever building codes call for a Class A Fire Retardant rating. Common applications include Architectural millwork, custom lay up, wall and ceiling paneling, kiosks, and elevator paneling. This panel can be painted, laminated, or veneered with outstanding results.

Features/Customer Benefits

Class A Fire Retardant:

Certified by Intertek Testing Services to both ATSM E-84 and CAN/ULC S102-03. Certified by MEA for use in NY City. MEA 481-06-M

Multiple LEED Credits:

Contributes to multiple LEED Credits simultaneously Fully veneerable:

Designed to work with non formaldehyde adhesives and high end veneers while maintaining its fire retardant rating. Pyroblock Veneering Instructions available online at panelsource.net

Resists warping:

Provides superior dimensional stability

Broad selection of thicknesses:

Available from 1/2" to 1-1/8"

Service

McKillican can provide you with all your green forest product needs. Our product experts are available to answer any questions you may have regarding this product or any other, as well as LEED® requirements.



Specifications

Most thicknesses are available in all panel sizes. Pyroblock Particleboard Plus core is made with no added urea formaldehyde and is produced in accordance with the requirements of ANSI A208.2-2001 as per ASTM E 1037 96a. The panel utilizes a proprietary intumescent coating developed by Panel Source for use on wood products. This coating results in a highly fire retardant panel that achieves a Class A fire rating. Pyroblock panels can be painted, laminated, or veneered.

Sizes/Thicknesses

Thicknesses	1/2", 9/16", 5/8", 11/16", 3/4", 1", 1 1/8"
Finished Mat Size	49"X97", 49"X121", 49"X145" 61"X97", 61"X121", 61"X145"
Thickness Tolerance	+/- .003"
Length/Width Tolerance	+/- 1/32" per foot of width

Physical Properties

Modulus of Rupture	3690 psi	(25.4 N/mm ²)
Modulus of Elasticity	415,000 psi	(2861 N/mm ²)
Internal Bond	110 psi	(0.75 N/mm ²)
Screw Hold (face)	280 lbs	(1245 N)
Density	45lbs / cu ft	(720kg/M ³)
Color	Light Tan	



Panel Source – A Division of McKillican International, Inc.

www.mckillican.com www.panelsource.net

Green Building Information Center: 1-877-464-7246