



VALUE COMPARISON

How FLAMEDXX compares to its bestselling competitor:

	FLAMEDXX	LP FLAMEBLOCK
WEIGHT	Much lighter – Coating adds approximately 2 – 4 lbs per board.	Heavier – Fiberglass-reinforced Pyrotite layer adds approximately 22 – 44 lbs per board, which may push limits of engineering with stick construction
COST	Costs less – Simple, cost effective application keeps costs low	Costs more – Complex process of adding Pyrotite layer adds cost
EASE OF USE	Lightweight – Lighter weight board is easier to install on site	Heavier – Added weight may make installation more difficult
TRANSPORTATION COST	Lower cost – Lower weight per board allows ~900 boards per truck	Higher cost – Higher weight per board reduces boards per truck to ~600
SMALL QUANTITY – LAST MINUTE	Simple – Easy with FLAMEDXX distribution	Difficult – Likely much more transportation involved and not as easy

SPECIFICATION COMPARISON OF FIRE RETARDENT PRODUCTS

	FLAMEDXX	LP FLAMEBLOCK	GYPSUM WALLBOARD (TYPE X)	FIRE RETARDANT (FRT PLYWOOD)
HOW IT WORKS	Overcoat slows the spread of flame and heat	Pyrotite layer slows the spread of flame and heat	Retards flame spread and heat transfer	Slows flame spread by chemically accelerating charring of wood
STRUCTURAL PERFORMANCE	Certified full load/span ratings and shear values with no deductions	Certified full load/span ratings and shear values with no deductions	Limited contribution to shear performance	Lower allowable load/span ratings as compared to untreated panels
FLAME SPREAD	Class A Flame Spread Rating Passes 30-Minute E-84 test	Class A Flame Spread Rating Passes 30-Minute E-84 test	Class A Flame Spread Rating Passes 30-Minute E-84 test	Class A Flame Spread Rating Passes 30-Minute E-84 test
BURN THROUGH RESISTANCE	Burn through resistance is greater than that of standard wood structural panels	Burn through resistance is greater than that of standard wood structural panels	Code assigned value of 40 minutes for 5/8" panels	Burn through resistance is greater than that of standard wood structural panels
JOB SITE HANDLING	Impact resistant: cuts and fastens like standard wood structural panels – saw blade friendly	Impact resistant: cuts and fastens like standard wood structural panels – saw blade dulls frequently	Prone to breakage; special fasteners required when used as a substrate	Impact resistant: cuts and fastens like standard wood structural panels – saw blade friendly
PANEL CHARACTERISTICS	Consistent: knot-free; will not warp, cup, split or delaminate	Consistent: knot-free; will not warp, cup, split or delaminate	Typical of standard gypsum sheathing	Variation and flatness typical of sheathing-grade plywood
WEATHER RESISTANCE	Exposure 1 rated: withstands weather during normal construction delays	Exposure 1 rated: withstands weather during normal construction delays	Interior gypsum must be kept dry	Not Exposure 1 rated

CONTACT US TODAY:

For more information about FLAMEDXX OSB panels, call (615) 297-2000, email us at info@FLAMEDXX.com, or visit our website at www.FLAMEDXX.com.