



הבהרה לגבי תקן אש עבור מחיצות Foldor.

מחיצות פולדור המיוצרות ע"י Woodfold ארה"ב עומדות בתקן:
ASTM E84-91a – "standard test method for surface burning characteristics of building materials"

התקן חל על חומר הגלם של המחיצה (לוחות הגוף של המחיצה).
תקן זה חל עבור הצבעים: Light oak ו chalk vinyl lam בלבד.
תקן זה חל על מחיצות מדגם: 220, 240, 440, 540, 640, 740, 2100, 3300.

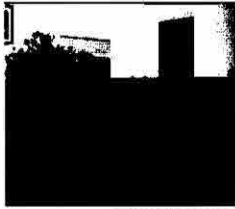
מצורף אישור תוצאות הבדיקה ע"י מכון "medite FR2" ארה"ב.

בברכה פולדור.



medite® FR2

SierraPine's flame retardant Medite FR2 is designed for applications where Class 1 flame retardant material is required. FR2 leads the industry with its low flame spread and smoke development.



Public reception area

During the manufacturing process an additive is blended with the wood fibers to provide flame-retardant properties throughout the board, from the core to the surface. This technique provides better protection than topical flame-retardant applications. Medite FR2 can be machined, cut, sanded or grooved at a later date without compromising its flame retardant properties.

Flame retardant FR2 is especially effective when used in applications in schools, libraries, hospitals, theatres, office buildings, public buildings, medical facilities, laboratories, and museums.

Environmental Certification

Medite FR2 is SCS Certified for 100% post-industrial/pre-consumer recycled wood fiber.

Performance Certification

UL certified to U.S. & Canadian Class 1 standards.

- Flame Spread rating – 20
- Smoke Development rating – 20

Features & Benefits

- Finishing – can be painted, laminated, or veneered. When choosing a finish, confirm that the product will not react with or neutralize the Class 1 flame spread classification of FR2. Laminating information available upon request
- Exceptional machining and low tool wear
- Fastening – FR2 readily accepts and holds staples, screws, and other wood fastening hardware

Technical Data – Medite FR2 (Typical data when tested to ASTM D 1037-96a Part A)

Property	Thicknesses	Units
Imperial Units	3/4" – 1"	
Density	48 – 46	Lb/ft ³
Internal Bond	130	Lb/in ²
Modulus of Rupture	4,000	Lb/in ²
Modulus of Elasticity	350,000	Lb/in ²
Hardness	1,200	Lbs, Janka ball
Screw Holding, Face	350	Lbs req'd to pull 1" #10 sheet metal screw
Screw Holding, Edge	275	Lbs req'd to pull 1" #10 sheet metal screw
Metric Units	9.5mm – 25.4mm	
Density	769 – 737	Kg/m ³
Internal Bond	90	N/mm ²
Modulus of Rupture	31	N/mm ²
Modulus of Elasticity	3792	N/mm ²
Hardness	545	Kg Janka ball
Screw Holding, Face	159	Kg req'd to pull 25mm #10 sheet metal screw
Screw Holding, Edge	125	Kg req'd to pull 25mm #10 sheet metal screw
Other Data		
Water Absorption	31 – 17	24-hour soak, Ave. %
Thickness Swell	12 – 5	24-hour soak, Ave. %
Linear Expansion	32 – 27	% dimensional change in length & width due to humidity change from 50% – 80% RH
Flame Spread Index	20	Indicative Test result. When tested to UL 723
Smoke Development Index	20	Indicative Test result. When tested to UL 723
Thickness Tolerance	± .005"	Average from nominal
	+ .005"	Deviation from average

Storage & Conditioning

- Storage – Store indoors on flat, level surface with adequate support to prevent sagging.
- Conditioning – For best results, FR2 should be conditioned to the environment for 48 – 72 hours prior to installation.
- For more details on working with MDF, consult "MDF From Start to Finish," published by the Composite Panel Association, www.cpa.com.



Contributes to achieving Credits for:

- Material & Resources – 4.1 & 4.2 and 5.1 & 5.2

Applications

- Paneling
- Sheathing
- Display panels
- Doors
- Shelving

How to Specify

Industrial Grade MDF, that meets Surface Burning Characteristics in accordance with ANSMA A190.1, ASTM E84-01, CANULC 101 with a Flame and Smoke Development of 20. New York City approved MEA 244-03-M.

Limitations

Medite FR2 is not suitable for external or structural applications.

Woodfold Body Panels
Class 1 Rating
CORE MATERIAL ONLY
Light Oak and Chalk Vinyl Lam Only

WOODFOLD
Body Panels
Class 1 Rating

Core Material Only

Light Oak and
Chalk Vinyl Lam
Only

SierraPine
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