fiberpine™
INDUSTRIAL PANELS

Low-Density, Multi-Use Fiberboard Panels

COST-EFFICIENT AND LIGHTWEIGHT

FiberPine™ by Georgia-Pacific is a low-density, fiberboard panel suitable for a wide range of general industrial applications. Cost efficient, easy to cut and easy to handle, it functions especially well as a backing, substrate or core in these four more-specialized categories: ***1. Residential and commercial doors; 2. Office partitions; 3. Institutional multi-surface message boards; and 4. Table pads.*** FiberPine provides lightweight stiffness, tackability, cushioning, machinability and sound absorption as well as excellent lamination characteristics to help it provide consistent performance on your production line and in your finished products. Made from reclaimed wood chips and shavings, FiberPine is an excellent choice when environmental responsibility is a significant consideration.

SIZES

Thicknesses: 3/8", 1/2", 7/16"
Door Core: 1.110-1.125" and 1.480-1.500"

Pieces per Unit: 100, 85, 75
Door Core: 40, 30

APPLICATIONS

- Modular desk and workstation panels, and partitions.
- Multimedia and whiteboard backing
- Tack and display boards
- Lightweight door core panels
- Decorative wall panels and trade show display panels
- Furniture protection pads and game board backing
- Speaker baffles and acoustic panels
- Packing and shipping protection

Georgia-Pacific
Panel Products

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PHYSICAL CHARACTERISTICS	GENERAL INDUSTRIAL PANELS			DOOR CORE	
Thickness	3/8"	7/16"	1/2"	1.110-1.125"	1.480-1.500"
Density (lbs/cf)	16	16	16	19	19
Weight (lbs/msf)	-	-	-	1750	2351
Modulus of Rupture (min avg psi)	275	260	250	225	225
Transverse Strength (lbf)	-	-	-	50	65
Water Absorption (% by volume)	-	-	-	5	5
Tensile Strength (psi)	165	1550	150	150	150
Modulus of Elasticity (min avg ksi)	17 ksi	20 ksi	23 ksi	10,000	10,000
Internal Bond (psi)	5	57	5	27	29
STC (six panel molded)	-	-	-	40	30

RESIDENTIAL & COMMERCIAL DOOR CORE

FiberPine™ panels are an outstanding core choice for both residential and commercial door manufacturers providing a panel that shapes and machines easily. In addition, FiberPine contributes a high STC value while still delivering the swing feel of a solid door with less actual weight. It also laminates well to a variety of door skin materials and has been successfully tested in a 1 3/4" 20-minute fire-resistant door assembly.

Tested by Intertek Testing Services in accordance with UBC 7-2 (1997); Testing Standards for Swinging Fire Doors; UL 10B (2008) and UL 10C (2001); Fire Tests of Door Assemblies; NFPA 252 (2008); Standard Methods for Fire Tests of Door Assemblies; and ASTM E2074 (2004) Standard Method of Fire Tests of Door Assemblies.

OFFICE PARTITIONS

Lightweight and sound absorbent, FiberPine can be used as a substrate in a variety of office partitions and workstation wall panels to help make business workspaces quiet and simple to reconfigure. Because it can be easily cut, shaped and laminated, it can be effectively combined with many different metals, fabrics, and veneers to create modular components in a variety of designs, colors and textures. When a tackable surface is desired, a fabric-covered FiberPine panel provides a stiff, even surface that pins easily and is reusable again and again.

INSTITUTIONAL MULTI-SURFACE MESSAGE BOARDS

FiberPine is an ideal backing material for multi-purpose projection, marker and message boards in medical, educational and general business applications providing lightweight rigidity and cost-efficient fabrication.

TABLE PAD SUBSTRATE

Easily cut to size and decorated with a range of covering materials, FiberPine can help cushion tables, desks and other furniture surfaces as a low-weight, low-friction table pad or matte.

OTHER APPLICATIONS

FiberPine has many other uses too. Much like it does in office partitions, FiberPine performs well in decorative sound-absorbing panels and modular trade show displays. It's an effective packaging material to protect fragile objects, a backing material for game boards and an acoustic baffle in speakers.

To explore FiberPine as a solution for an application you're developing, call your Georgia-Pacific representative today.

GENERAL DESCRIPTION

Composition: Cellulosic Wood Fibers and Binders

Density: Low Density

SAFETY & SUSTAINABILITY

- FiberPine contains no added urea formaldehyde.
- Georgia-Pacific procurement practices are certified to conform with the ***Sustainable Forestry Initiative®*** program objectives 8-20 of Section 2 - SFI 2010-2014.
- **Green Building** – The specification and usage of FiberPine can help contribute toward credits in sustainable building rating systems such as LEED, the NAHB Green Building Standard and others:

  LEED MR 4: Pre-Consumer Recycled Content

  LEED MR 5: Local/Regional Materials (Where applicable)

  LEED EQ 4.4: Environmental Quality

  NAHB 604.1 (2): Use of Recycled Content Products

  NAHB 606.2 (5): Use of SFI Certified Products

  NAHB 901.4 (a): Compliance with Environmental Sections of ANSI A208.1 and ANSI A208.2

  NAHB 901.4 (d): Use of SFI Certified Products

(For more information about sustainable building contributions, contact your Georgia-Pacific representative.)

SUSTAINABLE FORESTRY INITIATIVE SFI-00007

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