SMART**CORE**

Industrial Fiberboard

MARKER BOARD

TABLE PAD

OFFICE PARTITION

STUDIO PANELING

BP

MAKE THE SMART CHOICE WITH **SMARTCORE** BOARDS

The benefits are extraordinary. The possibilities are endless.

SmartCore wood fibre industrial boards are **made from 100% post-industrial wood shavings and/or post-consumer waste that are 100% recyclable**.*

Strong and lightweight SmartCore fiberboards are available in two versions:

CALENDERED CLAY COATED WOOD FIBRE PANELS

- $3/8$" (10 mm), $7/16$" (11 mm) and $1/2$" (13 mm) thick; 4' (1.22 m) wide x 7' (2.13 m) to 12' (3.66 m) long

- Smooth, clay-coated, ironed surface

- Lightweight and easily machinable

- Excellent surface retention of adhesives

- Accept high pressure laminates, fabrics, paint, paper, cork, steel, porcelain veneers

- Meet ASTM E84 Class C fire rating (standard configuration)

- Also offered with ASTM E84 Class A fire rating – Available in a thickness of $1/2$" (13 mm)

NATURAL WOOD FIBRE PANELS

- $3/8$" (10 mm), $7/16$" (11 mm) and $1/2$" (13 mm) thick; 4' (1.22 m) wide x 8' (2.44 m) long

- Economical value

- Lightweight and easily machinable

- Excellent shock and sound absorption

- Natural surface

* Please see section "Ecological From Start to Finish" for all information on recycled content.

PRODUCT CERTIFICATIONS

SmartCore boards are multi-certified in compliance with all environmental laws and regulations pertaining to design, construction and performance.

- FSC® MIX CREDIT (Forest Stewardship Council®) audited by Rainforest Alliance[1]

- Standard configuration meets ASTM E84 Class C fire rating[1]

- $1/2$'' (13 mm) thick calendered clay coated panels can meet UL 723 / ASTM E84 Class A fire rating and are certified by *Underwriters Laboratories* (UL) independant laboratory.

[1] Clay-coated, ironed boards

BLACKBOARD

ARCHERY TARGET

PROTECTIVE PADDING

OUTSTANDING VERSATILITY, SUPERIOR ADVANTAGES

BP is the preferred supplier to the office divider, bulletin board/marker board, and school wall markets, and a major supplier to the sound-deadening market. SmartCore boards are the smart choice for original equipment manufacturer (OEM) and many industrial, educational, healthcare, hospitality, corporate and retail applications, and this, even in very demanding fire resistance performance level environments.

Whether they are routed, beveled, nailed, drilled or die cut, laminated to hardboard, plywood, metal, cork, plastic or other materials, SmartCore boards maintain their superior qualities and advantages:

APPLICATIONS	BENEFITS OF WOOD FIBRE
Tackable acoustical dividers and screens for office furniture and office environments	Lightweight and rigid – Easily machinable – Superior sound-deadening properties – Clay coat/ironing to provide a smooth surface minimizing imperfections and excellent surface retention of adhesives
Core material for bulletin boards, cork boards, marker boards and blackboards	Lightweight and rigid – Easily machinable – Clay coat/ironing for excellent surface retention of adhesives
Fabric and vinyl covered tackboards for school walls	Lightweight and rigid – Easily machinable – Superior sound-deadening properties – Clay coat/ironing to provide a smooth surface minimizing imperfections and excellent surface retention of adhesives
Wall partitions with fabric and vinyl covered panels	Lightweight and rigid – Easily machinable – Superior sound-deadening properties – Clay coat/ironing to provide a smooth surface minimizing imperfections and excellent surface retention of adhesives
Protective padding and surface covering for furniture	Lightweight and rigid – Excellent shock absorption – Easily machinable
Packaging, crating and surface protection	Lightweight and rigid – Excellent shock absorption
Movie and theater sets	Lightweight and rigid – Easily machinable – Clay coat/ironing to provide a smooth surface minimizing imperfections and excellent surface retention of adhesives
Music studio paneling with excellent sound-deadening properties	Lightweight and rigid – Easily machinable – Easy to install – Superior sound-deadening properties – Clay coat/ironing to provide a smooth surface minimizing imperfections and excellent surface retention of adhesives
Carrier for scented oils and air fresheners (available in highly absorbent forms)	Special formula provides faster absorption of oils and scents – Finer fibres provide more homogeneous results
Weapons testing, pattern and depth identification	Six-Pack kraft wrapping eases measurement of fragment impact – Simplifies arena testing setups
Environments requiring a very demanding fire resistance performance level	Complies with the Class A requirements in terms of flame spread and smoke developed (UL 723 / ASTM E84) – Certified by UL ensuring a stringent quality control

All SmartCore fiberboards come wrapped in BP's superior weather-resistant packaging.

Visit **bpsmartcore-fiberboard.com** for more details.

ECOLOGICAL FROM START TO FINISH

SmartCore boards are manufactured with recycled wood from post-industrial wood shavings and/or post-consumer waste, and 100% recyclable. Most of the materials used are sourced within a 100 mile (160 km) radius of the plant to reduce the carbon trail. **Using SmartCore boards can contribute to qualifying for green building certification programs like LEED®.***

- FSC® MIX CREDIT (Forest Stewardship Council®) certified
- Contain no carcinogenic formaldehyde, urea formaldehyde, volatile organic carbon (VOC), hydrochlorofluorocarbon (HCFC), pentane or other substitute products traditionally used for binding and waterproofing
- Bonding agent is a natural resource which has no negative effect on indoor air quality
- All production by-products are converted to safe fertilizers
- Surface-coated board is eco-friendly

Natural
WOOD FIBRE

It's all Good

BASED ON THE SYSTEM'S TOTAL WEIGHT, THE PERCENTAGE OF RECYCLED MATERIALS FOUND IN EACH OF OUR PRODUCTS ARE AS FOLLOW:

(Each percentage listed beside excludes recycled materials that come from BP Canada's post-production)

TYPE OF SMARTCORE FIBERBOARDS	PRE-CONSUMER RECYCLED MATERIAL	POST-CONSUMER RECYCLED MATERIAL
Calendered Clay Coated Wood Fibre Panels 3/8″	91.1%	0.0%
Calendered Clay Coated Wood Fibre Panels 7/16″	91.8%	0.0%
Calendered Clay Coated Wood Fibre Panels 1/2″	93.5%	0.2%
Natural Wood Fibre Panels 7/16″	55.1%	34.8%
Natural Wood Fibre Panels 1/2″	61.6%	31.3%

* Building Products of Canada Corp. has all required documents regarding LEED® and can provide information in a certified project.

SMARTCORE

SMARTCORE BRAND

BP's SmartCore brand has been designed to offer comprehensive solutions for OEM. The SmartCore product line includes **paper** products destined for both roofing felt and chipboard markets used in a variety of commercial applications, **asphalt** for roofing and waterproofing, and **fiberboard** for acoustical dividers wall partitions, packaging and much more.

OVER 100 YEARS OF BP EXPERIENCE IN EVERY SMARTCORE BOARD

With more than one hundred years of experience, BP is one of North America's largest and most reputable manufacturers of natural wood fiberboards. BP has sold more than 15 billion square feet of wood fibre products and is a major supplier of residential, commercial and industrial structural insulating sheathing, roofing, ceiling tiles and panels, and specialty industrial products. BP is recognized as an industry innovator with a rich history of solid values.

BUILDING PRODUCTS OF CANADA CORP.

420 Dupont St., Pont-Rouge, Québec, Canada G3H 1S2
9510 St. Patrick St., LaSalle, Québec, Canada H8R 1R9
bpsmartcore-fiberboard.com