

Manufacturer

Arborite
385 Lafleur, Lasalle (Québec), H8R 3H7
Web site : www.arborite.com - Phone: 1-800-996-0366
Alternate manufacturing facility – Fletcher, NC

Product Description

Arborite backing laminates are primarily used on the backside of the laminate assemblies to balance core construction, minimize warping, and help control moisture content. Backing laminate sheets are composed of kraft paper core sheets impregnated with phenolic resin and are available in brown or black. Backing laminate is also available in a fire rated laminate (brown only).

Arborite also offers regrind product (GSCR). This is a regraded product that can be used as a backing grade (pending upon availability).

Backing Laminate Thickness

Product Type	Imperial Measure (in.)	Metric Measure (mm)	Thickness Tolerance
LB20	0.020"	0.51 mm	±0.003" (±0.008 mm)
LB30	0.030"	0.76 mm	±0.003" (±0.008 mm)
LB45	0.048"	1.22 mm	±0.005" (±0.013 mm)

Standard Panel Size for Backing Laminate

Imperial Measure (in.)	Metric measure (mm)
4' x 8'	1220 mm x 2440 mm
5' x 10'	1525 mm x 3050 mm
5' x 12'	1525 mm x 3660 mm

Compact Backing Laminate Thickness

Product Type	Imperial Measure (in.)	Metric Measure (mm)	Thickness Tolerance
B013	0.125"	3.2 mm	± 0.008" (± 0.20 mm)
B025	0.250"	6.4 mm	± 0.012" (± 0.30 mm)
*B031	0.312"	7.9 mm	±0.014" (± 0.35 mm)
*B038	0.375"	9.5 mm	± 0.017" (± 0.43 mm)
B050	0.500"	12.7mm	± 0.021" (± 0.53 mm)
B075	0.750"	19.0 mm	± 0.027" (± 0.68 mm)
B100	1.00"	25.4 mm	± 0.033" (± 0.84 mm)

* Available with a 20 sheet minimum order or a 25% up-charge will apply.

Standard Panel Size for Compact Backing Laminate

Imperial Measure (in.)	Metric measure (mm)
4' x 8'	1220 mm x 2440 mm
5' x 10'	1525 mm x 3050 mm
5' x 12'	1525 mm x 3660 mm

Fire Rated Backing Laminate

Product Code	Imperial Measure (in.)	Metric Measure (mm)	Thickness Tolerance
B3PL	0.028"	0.71 mm	±0.004" (± 0.10 mm)
BKPL	0.048"	1.22 mm	±0.005" (± 0.13 mm)

Standard Panel Sizes for Fire Rated Backing Laminates

Imperial Measure (feet)	Metric measure (mm)
4' x 8'	1220 mm x 2440 mm
5' x 10'	1525 mm x 3050 mm
5' x 12'	1525 mm x 3660 mm

NEMA performance Properties Backing Laminate – Arborite meets or exceeds these values

Certifications – Fire Rated Backing Laminate

B3PL (0.028"± 0.004")	BKPL (0.048" ± 0.005")
Underwriters Laboratories • UL 723 (ASTM E84) - Class 1 / A	Underwriters Laboratories • UL 723 (ASTM E84) - Class 1 / A
Underwriters Laboratories of Canada • CAN/ULC S-102	Underwriters Laboratories of Canada • CAN/ULC S-102
U.S. Department of Homeland Security United States Coast Guard • Interior Finish (IMO)	U.S. Department of Homeland Security United States Coast Guard • Interior Finish (IMO)

Performance Properties – Fire Rated Backing Laminate

	B3PL (0.028"± 0.004")	BKPL (0.048" ± 0.005")
UL 723 - Unbonded • Flame spread • Smoke developed	40 15	35 15
UL 723 - Bonded* • Flame spread • Smoke developed	5 0	5 5
CAN/ULC S-102 - Unbonded • Flame spread • Smoke developed	45 5	40 5

** Bonded to an Inorganic Reinforced Cement Board with Borden chemical RS-224 adhesive in accordance with instructions accompanying the adhesive.*

Standards & Approvals

Arborite laminates meet or exceed standard tests set by:

- The National Electrical Manufacturers Association “ANSI/NEMA LD3-2005”, for high pressure decorative laminates.

The purpose of this Standards Publication is to provide standard test methods and performance values for high-pressure decorative laminates.

- The GREENGUARD Environmental Institute™ has awarded its GREENGUARD Indoor Air Quality Certification to Arborite. All Arborite laminate product types were tested under the stringent GREENGUARD Standards for low-emitting products. All GREENGUARD Indoor Air Quality Certified® products ensure minimal impact on the indoor environment. For a copy of the certificate, visit www.greenguard.org.
- Arborite is certified ISO 9001:2008 Quality Management System.
- Arborite is a member of the USGBC (US Green Building Council).
- Arborite is a member of the CaGBC (Canada Green Building Council).

FSC® Certification

Arborite products are available as FSC® Mix Credit (please contact our customer service department for availability).

FSC® trademark license code: FSC-C102327

Warranty

Arborite, division of Wilsonart Canada ULC, warrants that, under normal use and service, the material and workmanship of its products shall conform to the standards set forth on the applicable technical data sheets for a period of twelve (12) months from the date of sale to the first consumer purchaser. Dealers and distributors are provided with the technical data sheets which contain specific standards of performance for the products. In the event that an Arborite product does not perform as warranted, the first purchaser's sole remedy shall be limited to repair or replacement of all or any part of the product which is defective, at the manufacturer's sole discretion.

This warranty applies only to product :

1. In its original installation; and
2. Purchased by the first consumer purchaser.

This warranty is not transferable, and expires upon resale or transfer by the first consumer purchaser.

This warranty shall not apply to defects or damage arising from any of the following :

1. Accidents, abuse or misuse;
2. Exposure to extreme temperature;
3. Improper fabrication or installation; or
4. Improper maintenance.

NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE MADE. UNDER NO CIRCUMSTANCES SHALL THE MANUFACTURER BE LIABLE FOR ANY LOSS OR DAMAGE ARISING FROM THE PURCHASE, USE OR INABILITY TO USE THIS PRODUCT, OR FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES. NO FABRICATOR, INSTALLER, DEALER, AGENT OR EMPLOYEE OF ARBORITE, A DIVISION OF WILSONART CANADA ULC, HAS THE AUTHORITY TO MODIFY THE OBLIGATIONS OR LIMITATION OF THIS WARRANTY.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state; therefore, some of the limitations stated above may not apply to you. It is to your benefit to save your documentation upon purchase of a product.

Specification Form

Surface shall be Arborite Backing Laminate

Produced by Arborite,

Type: LB20 (0.020"), LB30 (0.030"), LB45 (0.048"), B013 (1/8"), B025 (1/4"), B031 (5/16"), B038 (3/8"), B050 (1/2"), B075 (3/4"), B100 (1")

Specification Form

Surface shall be Arborite Fire Rated Backing Laminate

Produced by Arborite,

Type: B3PL (0.028"), BKPL (0.045")