

ARBORITE® BACKING GRADE LAMINATES

General

Arborite® backing grade laminates are primarily used on the backside of laminate assemblies to balance core construction, minimize warping, and help control moisture content. Backing grade laminates are available in a fire retardant grade.

Arborite® also offers a scarified backing – GPSC . This is a regraded product that can be used as a backing grade (pending upon availability).

Note: Arborite® backing grade laminates are available in black or brown.

NEMA Performance Properties Backing Grade Laminate - Arborite® meets or exceeds these values

NEMA property	BKH (LB45)	BKM (LB40)	BKV (LB30)	BKL (LB20)
Nominal and thickness tolerance	0.048" ± 0.005" (1.2mm ± 0.12mm)	0.039" ± 0.005" (1.0mm ± 0.12mm)	0.028" ± 0.010" (0.7mm ± 0.004mm)	0.020" ± 0.010" (0.5mm ± 0.004mm)

Standard Panel Sizes for Backing Grade laminates:

4' x 8'	1220 mm x 2440 mm
4' x 10'	1220 mm x 3050 mm
5' x 8'	1525 mm x 2440 mm
5' x 10'	1525 mm x 3050 mm
5' x 12'	1525 mm x 3660 mm

Certifications – Fire Retardant Backing Grade Laminate

B3PL (0.028" ± 0.004")	BKPL (0.048" ± 0.005")
<ul style="list-style-type: none"> ▪ UL/ULC ▪ Class 1/Class A 	<ul style="list-style-type: none"> ▪ UL/ULC ▪ Class 1/Class A
CAN/ULC S-102 The basic standard to investigate products in this category is UL723, "Test for Surface Burning Characteristics of Building Materials"	CAN/ULC S-102 The basic standard to investigate products in this category is UL723, "Test for Surface Burning Characteristics of Building Materials"
<ul style="list-style-type: none"> ▪ U.S. Department of Transportation United States Coast Guard. 	<ul style="list-style-type: none"> ▪ U.S. Department of Transportation United States Coast Guard.

Performance Properties – Fire Retardant Backing Grade Laminate

	B3PL (0.028" ± 0.005")	BKPL (0.048" ± 0.005")
1. Unbonded		
<ul style="list-style-type: none"> ▪ flame spread 	40	35
<ul style="list-style-type: none"> ▪ smoke developed 	15	15
2. Bonded *		
<ul style="list-style-type: none"> ▪ flame spread 	5	5
<ul style="list-style-type: none"> ▪ smoke developed 	0	5

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