

ENGINEERED WOOD | PG COHESION

TECHNICAL SPECIFICATIONS



SPECIFICATIONS

	PG COHESION 1/2 IN	PG COHESION 3/4 IN
THICKNESS	1/2 in (12.7 mm) thick with a 5/32 in (4 mm) hardwood top layer and a plywood base.	3/4 in (19 mm) thick with a 5/32 in (4 mm) hardwood top layer and a plywood base.
NUMBER OF PLYS	8 plies (7-ply cross-laminated and 1 surface ply)	12 plies (11-ply cross-laminated and 1 surface ply)
GRADES	Select and Heritage	Heritage
WIDTHS	5 in (127 mm)	6.5 in (165 mm)
WIDTH AND THICKNESS TOLERANCES (+/-)	0.015 in (0.381 mm)	0.015 in (0.381 mm)
LENGTHS	12 in (304.8 mm) to 84 in (2133.6 mm)	12 in (304.8 mm) to 85 in (2159 mm)
MOISTURE CONTENT	6 % to 8 %	6 % to 8 %
RELATIVE HUMIDITY REQUIRED	37 % to 45 %	37 % to 45 %

WOOD SPECIES

	JANKA TEST* (lbs/in)	WEIGHT (lbs/ft ²)		WEIGHT (kg/m ²)	
		1/2 in	3/4 in	1/2 in	3/4 in
RED OAK	1290	1.88	2.90	9.03	13.57
MAPLE	1450	1.88	2.90	9.03	13.57
WHITE OAK	1360	1.88	2.90	9.03	13.57

Ref. : A.Alden, H., Hardwoods of North America, USDA, General Technical Report, FPL-GTR-83

*The higher the number, the harder the wood. The Janka hardness test measures the force required to embed a 0.444" steel ball into wood.

FINISH - PREFINISHED

	GLOSS LEVEL	RESISTANCE TO TABER TEST S-42*
MATTE	3% to 8%	500 cycles
SATIN	22% to 32%	525 cycles
SEMI-GLOSS	42% to 52%	525 cycles
MODEL EXTREME	22% to 32%	1025 cycles

*Textured products (ex: chiseled, brushed, etc.) obtained a Taber S-42 result of 400 cycles.

AVAILABLE ACCESSORIES

- Nosing (round and square)
- Threshold
- T-Moulding
- Quarter Round
- Reducer



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TECHNICAL SPECIFICATIONS

WARRANTIES

PG finish (matte, satin or semi-gloss): 35-year warranty for residential use

Model Extreme finish: 40-year warranty for residential use and 5-year warranty for light commercial use

Structure: Lifetime warranty

For full details, please refer to the «Warranty» section

APPLICABLE STANDARD

FORMALDEHYDE EMISSIONS:

The formaldehyde content of this hardwood plywood is EPA TSCA V1 compliant, meaning less than 0.05 ppm.

INSTALLATION

Nailed, stapled, glued or floating

- Glued on recommended acoustic membrane
- Glued directly on a concrete slab
- Glued on a concrete slab with radiant heat (except for floating floors)
- Stapled, nailed or glued on plywood subfloor
- Floated on a recommended acoustic membrane, on concrete slab or plywood subfloor without radiant heat

May be installed over a radiant heating system
(except for floating installation)



RECOMMENDED GLUE

- Bostik: Best, EFA+, BST
- Finitec: AD-532+, AD-844 MS
- Titebond 811 Advantage

RECOMMENDED MEMBRANE

- AcoustiTECH™ Lead 3.3 - Glued down installation
- AcoustiTECH™ VP - Floating installation

SANDING

Can be sanded up to 2 times



PACKAGING

	QUANTITY PER BUNDLE	BUNDLE SIZE (length x width x height)	QUANTITY PER SKID	SKID SIZE (length x width x height*)
5 in (127 mm)	33.5 ft ² (3.11 m ²)	86 1/4 x 10 1/8 x 3 1/4 in (218.4 x 25.4 x 8.1 cm)	1 742 ft ² (161.72 m ²)	79 1/2 x 42 x 46 1/4 in (200.66 x 106.68 x 116.84 cm)
6.5 in (165 mm)	14.5 ft ² (1.35 m ²)	85 1/2 x 7 3/4 x 3 1/4 in (215.9 x 19.5 x 8.1 cm)	942.5 ft ² (87.56 m ²)	85 1/2 x 38 3/4 x 46 1/4 in (215.9 x 96.52 x 116.84 cm)

*Height with block



PG COHESION - 1/2" THICK



PG COHESION - 3/4" THICK

CHARACTERISTICS AND ADVANTAGES

PG Cohesion engineered floors are composed of a hardwood wear layer of 5/32 in (4 mm) and a plywood base : 7-ply cross-laminated hardwood plywood for the 1/2" thick and 11-ply cross-laminated hardwood plywood for the 3/4" thick.

Engineered wood is standing out due to its lower response to humidity level changes; therefore, it is often used in basements.

Just like solid hardwood, the surface of engineered floors is not retaining dust or allergens. A simple but regular maintenance will keep your floor in a perfect condition for a long time.