

## PRODUCT SPEC PAGE

### Performance Plus™ Commercial Hardwood

#### Low and Medium Gloss Collections

Performance Plus™ floors withstand the punishment of day-to-day use. These products offer the timeless beauty of genuine hardwood infused with liquid acrylic for enhanced durability. Performance Plus hardwood is up to 2 times harder than other typical hardwood flooring, resulting in increased resistance to normal dents and wear from high traffic commercial environments. Topping off our hardwood is a scratch- and stain-resistant aluminum oxide finish for added surface protection.

Adding to the beauty of our Performance Plus hardwood floors is the option to specify a gloss level. Since gloss level does not affect the durability or performance of your floor, with either finish, you end up with a beautiful, highly desired natural wood look with the durable performance required for commercial environments.

New to our offering is a low gloss option, so now you can select from fifteen (15) beautiful hardwoods, in four (4) species, with a low sheen that has become highly popular in commercial spaces. The low sheen helps to provide a more organic, natural look that can help hide daily dirt with easy maintenance. In addition to our new products, we also have fifteen (15) hardwoods in a medium gloss, in six (6) species. Medium gloss is perfect when a slightly reflective floor is desired. Six (6) colors of our Performance Plus hardwood products are available in both low and medium gloss.

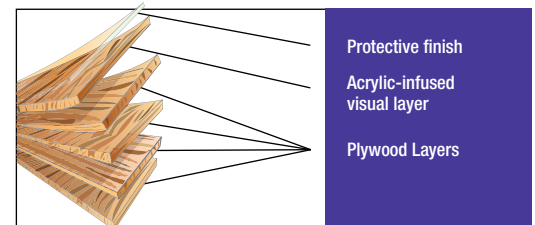
#### Product Information

Construction	Overall Thickness	Edge/End Detail	Finish	Installation	Maintenance Options	Species
Engineered Hardwood	0.375 in. (9.53 mm)	Micro-beveled edges and ends	Nano-Technology Coating – Armstrong Lifetime Finish	<b>Locking/Floating</b> – Armstrong S-1836 or S-1837 Underlayments and Armstrong® EverSeal™ Joint Adhesive <b>Glue-Down</b> – Armstrong® Summit™, ProConnect™ or Equalizer™ <b>Staple</b> – Stanley Bostitch® 2025K or PowerNail® 2000 staple gun required	Armstrong® Hardwood & Laminate Floor Cleaner	Birch, Cherry, Hickory, Maple, Walnut, White Oak

#### Packaging

Performance Plus™	Plank Size	Sq. Ft. per Carton	Shipping Weight
Low Gloss Collection	Width: 5" (127 mm); Varying Lengths: 10" to 48" (254 mm to 1219.2 mm))	22 sq. ft.	36 lbs. per carton (16.3 kg)
Medium Gloss Collection		40 sq. ft.	64.4 lbs. per carton (29.2 kg)

#### Product Structure



#### Testing

Test	Method	Results
Light Stability	AATCC 16E-1987	CU <5
Stain Resistance	ASTM D3023	<4
Gloss	60° Specular	Performance Plus low gloss – 10 +/- 4
		Performance Plus medium gloss – 55 +/- 5
Slip Resistance	TM 125 R.2	Average > 0.5
Formaldehyde Emissions	ASTM D6007	CARB Phase 2 Compliant
Fire Test Data – Flame Spread	ASTM E648	Meets (1a)
Fire Test Data – Smoke Evolution	ASTM E662	Meets (1b)

1. All products meet the following Fire Test Data:

a) ASTM E 648 Flooring Radiant Panel Critical Flux – 0.45 watts/cm2 or more, Class I

b) ASTM E 662 Smoke Chamber Specific Optical Smoke Density – 450 or less

Numerical flammability ratings alone may not define product performance under actual conditions.

These ratings are provided only for use in the selection of products to meet specified limits.

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#### Sustainability

Performance	Certifications/Credits	Minimum Requirements	Performance vs. Requirements
Low Emitting Material	CARB	Phase 2	Meets
Low Emitting Material	LEED® EQ	CDPH SM v1.1 - 2010	FloorScore® Certified
Certified Wood*	LEED MR Certified Wood	Forest Stewardship Council	Certified Mixed FSC
US Green Building Council	—	—	Member
Canada Green Building Council	—	—	Member

\* Only available upon special request for select species and for minimal order sizes. Pricing differential will apply.

#### Warranty

10 year Limited Commercial Warranty - see [floorexpert.com](http://floorexpert.com) for warranty details, limitations and exclusions.

#### Links

Installation Instructions	<a href="http://www.armstrong.com/flooring-downloads">www.armstrong.com/flooring-downloads</a>
Maintenance Information	<a href="http://www.armstrong.com/flooring-downloads">www.armstrong.com/flooring-downloads</a>
View the Full Line	<a href="http://www.armstrong.com/comhardwood">www.armstrong.com/comhardwood</a>
Sustainability	<a href="http://www.armstrong.com/flooring-downloads">www.armstrong.com/flooring-downloads</a>
Email Techline	<a href="http://www.armstrong.com/commflooringna/contact_techline.jsp">www.armstrong.com/commflooringna/contact_techline.jsp</a>
Visit Floor Expert	<a href="http://www.floorexpert.com">www.floorexpert.com</a>

#### Performance Plus™ Low Gloss Collection



ESP5302LG BIRCH - marsh field



ESP5311LG MAPLE - misty forest



ESP5240LG MAPLE - natural



ESP5312LG MAPLE - rolling fog



ESP5303LG WHITE OAK - natural



ESP5315LG WHITE OAK - coastline



ESP5250LG WALNUT - shell white



ESP5314LG WALNUT - beach heather



ESP5305LG WALNUT - golden taupe



ESP5251LG WALNUT - natural



ESP5252LG WALNUT - warm clay



ESP5253LG WALNUT - fiery bronze



ESP5310LG WALNUT - flint hill



ESP5309LG WALNUT - woodland view



ESP5254LG WALNUT - earthy shade

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ESP5210 BIRCH - driftscape white



ESP5212 BIRCH - cottage suede



ESP5220 CHERRY - sugared honey



ESP5230 HICKORY - butternut



ESP5234 HICKORY - mineral hue



ESP5240 MAPLE - natural



ESP5241 MAPLE - tanned brown



ESP5243 MAPLE - foliage brown



ESP5206 WHITE OAK - night time



ESP5250 WALNUT - shell white



ESP5251 WALNUT - natural



ESP5252 WALNUT - warm clay



ESP5253 WALNUT - fiery bronze



ESP5254 WALNUT - earthly shade



ESP5255 WALNUT - deep twilight

