

# Commercial Laminate


PREMIUM LUSTRE COLLECTION  
PREMIUM COLLECTION  
TRADITIONAL COLLECTION



linoleum ■ biobased tile<sup>®</sup> ■ lvt ■ commercial hardwood ■ sheet ■ **commercial laminate** ■ vct ■ specialty flooring ■ accessories



COMMERCIAL  
LAMINATE



## Discover design flexibility with the best visuals and overall performance in laminate flooring

### **Stylish, Sophisticated and Silent Beauty**

- The rich depth of color and texture of hardwood from patented fine art technology
- The look of authentic wood from single plank widths and micro-beveled edge treatments in PREMIUM LUSTRE and PREMIUM COLLECTIONS
- Quiet Comfort™ Premium Underlayment offers superior sound absorption for the most realistic solid wood sound quality

### **Durable and Affordable**

- Durable commercial AC5 wear layer resists stains, fading, scuffs and scratches – the toughest in the industry
- Quicker, less expensive installation since no glue is required\*
- Superior moisture resistance from HydraCore™ Plus

### **Fast and Easy Installation and Maintenance**

- PREMIUM COLLECTIONS – Lock&Fold® results in fast and easy installation
- No need to remove old flooring materials – Armstrong® laminate installs over most existing floors
- Easy maintenance – stains and spills wipe right up

### **A Sustainable Flooring Solution**

- Contains rapidly renewable materials
- PREMIUM LUSTRE and PREMIUM COLLECTIONS contain recycled content
- Contributes to LEED® MR4.0 and MR6.0

### **Industry-Leading Quality**

- 15-year limited warranty from the most trusted name in the industry

\*gluing is not required for performance; consult local building codes for job and location specific requirements







## Commercial Laminate

### Discover a New World of Design Flexibility

Armstrong® Commercial Laminate combines the warm look and feel of hardwood with the affordability, durability and easy maintenance of a resilient floor. Now you can have the best of all worlds.

### Broadest Range of Wood Looks

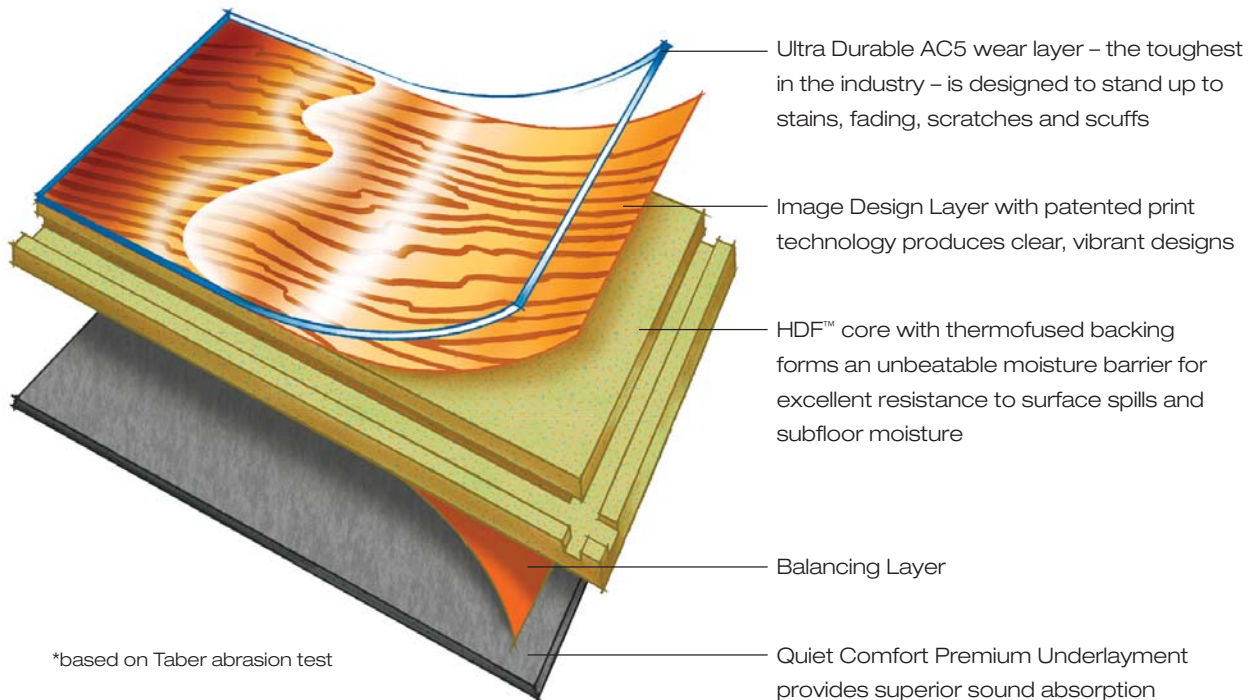
Whether you choose to create a mood of exotic flair or a warm, home-like environment, you can count on rich color, texture and the realistic look of natural hardwood flooring. From whitewash to espresso, domestic to exotic, Armstrong has the broadest selection of wood looks for your space.

Single plank widths and micro-beveled edge treatments in PREMIUM LUSTRE and PREMIUM COLLECTIONS add a distinctive style and authentic look to any commercial environment. Use our Quiet Comfort™ Premium underlayment to complete your installation for the most realistic solid wood sound quality.



### Designed to Perform

2½ times more wear resistant than the leading competition\*



\*based on Taber abrasion test



## Fast and Easy Installation

Install your new PREMIUM LUSTRE or PREMIUM floor quickly and easily with our Lock&Fold<sup>®</sup> technology. Simply tilt one board into another and fold down to lock in place.



TILT



FOLD



LOCK IN PLACE

Our TRADITIONAL COLLECTION installs using the simple ArmaLock<sup>®</sup> system. Each piece aligns automatically, making installation easier than ever.

Both Lock&Fold and ArmaLock require **no glue\*** and can be installed over most existing floors. No waiting is required after your installation so your space can be occupied quickly.

Our Quiet Comfort<sup>™</sup> Premium is an engineered underlayment that offers superior noise reduction and a seamless moisture barrier.

\*consult building codes for local requirements

## Building on a Heritage of Sustainability

Environmental products and practices aren't new for us but they continue to be the focus of our development efforts.

All of our laminate products contain a high percentage of rapidly renewable resources and contribute to MR6.0 in the LEED<sup>®</sup> rating system. The PREMIUM LUSTRE and PREMIUM COLLECTIONS contain recycled content and contribute to MR4.0.







## PREMIUM LUSTRE COLLECTION

Micro-beveled edges and ends

4.92 in. x 47.24 in. (125 mm x 1200 mm)



L8703  
blizzard pine



L8702  
adrift pine



L8700  
summer tan fruitwood



L8701  
candied cherry



L8704  
forest brown maple









## PREMIUM COLLECTION

Micro-beveled edges and ends

4.92 in. x 47.24 in. (125 mm x 1200 mm)



L8712  
american maple



L8714  
ornamental cherry



L8709  
desert tan maple



L8711  
toasty jatoba



L8713  
natural oak



L8705  
tree branch walnut



L8710  
mystic walnut



L8707  
forestwood ash



L8708  
exotic olive ash



L8706  
midnight maple







## TRADITIONAL COLLECTION

■ Square edges and ends

7.56 in. x 50.59 in. (192 mm x 1285 mm)



L8718  
tawny tan beech



L8715  
butterscotch oak



L8719  
toffee walnut



L8717  
earthen cherry



L8716  
spiced merbau



# Commercial Laminate

## TECHNICAL INFORMATION

### Comparative Data

Products (5)	Overall Thickness (nominal) (1)	Abrasion Class (nominal) (1)	Durability (3)	Maintainability (3)	Reference Specs (4)
PREMIUM LUSTRE COLLECTION PREMIUM COLLECTION TRADITIONAL COLLECTION	0.47 in. (12 mm)	AC5	E	E	EN 13329

- Overall and wear layer thicknesses are nominal and subject to normal manufacturing variances.
- Subjective ratings (Excellent, Very Good, Good, Fair) are in relation to other Armstrong® commercial laminate floors. Ratings are not directly related to any one test. They are broadly based on tests and experience of Armstrong R & D under varying conditions and circumstances. These ratings should NOT be used for comparison to ratings used by other manufacturers to rank their own products.
- Reference Specifications: Armstrong products are manufactured to meet or exceed specification requirements.
- All products meet the following Fire Test Data:
  - ASTM E 648 Flooring Radiant Panel Critical Radiant Flux – 0.45 watts/cm<sup>2</sup> or more, Class I
  - ASTM E 662 Smoke Chamber Specific Optical Smoke Density – 450 or less. Numerical flammability ratings alone may not define product performance under actual fire conditions. These ratings are provided only for use in the selection of products to meet specified limits.

### Light Reflectivity Values in Percent

0-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74
L8704	L8701	L8702	L8700	L8710		L8718		L8709	L8712		L8703		
L8707	L8705	L8708		L8713									
	L8706	L8717		L8715									
	L8711			L8719									
	L8714												
	L8716												

Measured under incandescent illumination (ASTM 1347). Types and patterns tested here are those most suited to commercial interiors where reflectivity is a major factor.

### Performance Properties

Test	Method	Results
Static Load Limit	ASTM F 970 ASTM F 970 Modified	0.0 in. @ 125 psi 0.0 in. @ 1500 psi
Thickness Swell	EN 13329	5.5%
Light Stability	EN 438-2.16	No change
Stain Resistance	EN 438-2.15	Group 4; Excellent Resistance
Resistance to Cigarette Burn	EN 438-2.18	No effect ≥ Grade 4
Boiling Water Resistance	ASTM D 2571	No effect
Impact Resistance	EN 13329	≥ IC 1
Wear Resistance (Taber Abrasion)	EN 13329	IP Class 5; > 6,000
Castor Chair Resistance	EN 425	No damage or visible change in appearance
Furniture Leg Resistance	EN 424	No damage with type 0 indenter
Chair Slide	Internal Testing	No damage
Coefficient of Friction (Slip Resistance)	ASTM C1028 ADA Mark 1 Protocol ASTM D 2047-82 Neolite foot	> 0.50 static coefficient of friction
Lock Strength	Internal Testing	> 36 lbs./in.
Gloss	60° Specular	PREMIUM LUSTRE COLLECTION 55-75 PREMIUM COLLECTION 35-55 TRADITIONAL COLLECTION 20-30
Slip Resistance	ASTM D 2047	> 0.50 static coefficient of friction
Formaldehyde Emissions	EN 120	Less than 0.1 ppm Laminate is exempt from the CARB (California Air Resources Board) regulation on composite wood products

### Sound Tests

Test	Method	Results
Impact Insulation Class (in room) 1" Gyp-crete over plywood subfloor/ceiling assembly	ASTM E 492 Classified by E 989	Armstrong Commercial Laminate flooring achieves an IIC rating of 54 when tested over Armstrong Quiet Comfort™ Premium underlayment. Results for 6" concrete available upon request.
Sound Transmission Class (in room) 1" Gyp-crete over plywood subfloor/ceiling assembly	ASTM E 90 Classified by E 413	Armstrong Commercial Laminate flooring achieves an STC rating of 59 when tested over Armstrong Quiet Comfort Premium underlayment. Results for 6" concrete available upon request.



## Recommended Applications

	Commercial Laminate
<b>Health Care/Hospital (a)</b>	
Cafeteria, Dining Area (e)	H
Chapel	H
Corridors	H
Critical/Intensive Care	N (1)
Dialysis (i)	N
Dry Physical Therapy	R
Elevators	H
Emergency Room Areas	N
Exam/Procedure Rooms	R
Gift Shop	H
Hydro Physical Therapy	N (3)
Hyperbaric Room	N (6)
Labor Delivery Rooms	R
Laboratories	R
Lobbies	R
Nurses Station	H
Office/Administrative/Conference Rooms	H
Operating Rooms (b)	N
Patient Rooms	R
Pharmacy	R
Ramps/Ramped Corridors (Dry)	N (3)
Scrub Areas	N
Stairways/Landings	R
Staff Lounge	H
Utility/Storage Room/Filing	H
Waiting Rooms	H
<b>Assisted Living/Military Housing/Light Commercial</b>	
Activity Rooms/Common Areas	R
Beauty Salon/Barber Shop	R
Corridors	H
Daycare Areas	H
Dining Areas	H
Doctor/Dentist Office	R
Residence Bathrooms (i)	R
Residence Kitchens (e)	R (e)
Residence Rooms/Barracks	H
<b>Education</b>	
Auditoriums	R
Cafeteria, Dining Area (e)	R
Classrooms/Lecture Halls	H
Computer Rooms	R (6)
Corridors	H
Dormitory Rooms	H
Food Service Area (e)	N (i)
Gymnasium	R
Laboratories	H
Lavatories	N
Library	R
Locker Rooms (No Spikes)	R (3)
Multipurpose Room/Cafeteriums	H
Office/Administrative/Conference Rooms	H
Ramps/Ramped Corridors (Dry)	N (3)
Showers/Shower Rooms	N (3)
Stairways/Landings	R
Teacher's Lounge	H
Utility/Storage Areas	H
Vestibule/Entryway/Foyers	R

### H = Highly Recommended

The best flooring choice(s) for the space.

### R = Recommended

Flooring choice(s) that are suitable for the space.

### N = Not Recommended

Flooring that should not be used for the space.

- The ratings of H, R or N are based on an evaluation of the performance, cost and aesthetic requirements of the space.

	Commercial Laminate
<b>Mercantile</b>	
Automobile Showrooms	N
Checkout/Cash Wrap	R
Food Service (e)	R (i)
Frozen Food	N
Indoor Mall Common Areas	R
Produce Area	N
Sales Floor – Department Stores	H
Sales Floor – Grocery	R
Sales Floor – Mass merchant	R
Specialty Shops/Areas	H
<b>Office</b>	
Computer Room	R (6)
Corridors	R
Elevators	H
Lavatories	N
Lobby	R
Lunchrooms (e)	H
Offices/Conference Rooms	H
Stairways/Landings	R
Utility/Storage Rooms	H
<b>Hospitality</b>	
Around Whirlpool/Spas	N (3)
Corridors	R
Dining Room (e)	H
Elevators	H
Exercise Rooms	R
Guest Bathrooms (i)	N
Guest Rooms	H
Lobby	R
Lounge	H
Stairways/Landings	R
Vending Areas (i)	R
<b>Light Industrial (g)</b>	
Clean Rooms	N
Computer Repair Lab	N (6)
Electronic Testing Lab	N (6)
Electronics Manufacturing	N (6)
Environmental Conditioning Unit	N
Photo Processing	H
Production Laboratory	H
Research Laboratory	H
Small Parts Assembly	H
Sterile Packaging	R
Warehouse	R
<b>Transportation/Public Venues</b>	
Airport/Railway/Bus Terminals	N
Civic/Convention Centers	R
Museums/Cultural Centers	H

### NOTES:

- Numerical footnotes apply to the space requirements.
- Alpha footnotes apply to the product's suitability for the space.

- (1) Aseptic Area — Hygienic conditions are of critical importance.
- (3) Slip Retardance — A more secure walking surface is required.
- (6) Not recommended in areas that require electrostatic discharge control.
- (a) In most cases veterinary applications are similar.
- (b) Only operating rooms NOT requiring conductive flooring.
- (e) Armstrong floors are not recommended for commercial kitchens and commercial food processing areas, including behind fast-food counters.
- (g) Most Armstrong floors are not recommended for heavy industrial areas.
- (i) No standing water; walk-off mats required.

### In addition to spaces listed on this chart:

- Armstrong floors may be used on stair steps, risers and landings. A manufactured slip-retardant nosing should always be applied on steps.
- Armstrong floors are not recommended for exterior use, for interior spaces where pointed spike golf or track shoes will be used, or in areas where the floor will be subjected to unusually concentrated static or dynamic loads.
- Armstrong floors should not be used as wall covering or wall surfacing.