

Flooring Recommendations Guide

**Rigid Core Flooring**

*Empower™*

Our flooring recommendations can help you quickly identify products designed to work in specific spaces and beyond. Partner with your Armstrong Flooring sales representative as your trusted resource to help you with all the information you need to successfully select and install the right floor for all types of environments, spaces and buildings.

- Recommended flooring choice(s) for the space.

<b>Healthcare/Hospital Environments (a)</b>	
Cafeteria, Dining Area (d)	●
Chapel	●
Commercial Parking Garage Walkways (covered)	
Computer Training Rooms (5)	●
Corridors	●
Critical/Intensive Care	
Data Warehousing	
Dialysis (f)	
Dry Physical Therapy	●
Elevators	
Emergency Rooms	
Exam/Procedure Rooms	●
Gift Shop	●
Hydro Physical Therapy	(3)
Hyperbaric Room	(5)
Labor Delivery Rooms	
Laboratories	
Lavatories	
Lobby	●
Nurses Station	●
Office/Administrative/Conference Room	●
Operating Rooms (b)	(1)
Patient Rooms	
Pharmacy	●
Ramps/Ramped Corridors (dry)	(3)
Scrub Areas	(1)
Stairways/Landings	● (6)
Staff Lounge	●
Telecommunications Center	
Utility/Storage Room/Filing	●
Waiting Rooms	●
Around Swimming Pools	
Around Whirlpools/Spas	
Showers/Shower Rooms	

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<b>Assisted Living</b>	
Activity Rooms/Common Areas	•
Beauty Salon/Barber Shop	•
Corridors	•
Main Dining Areas (d)	•
Doctor/Dentist Office	•
Lobby	•
Residence Bathrooms (f)	• (6)
Residence Kitchens	•
Residence Rooms	•
Around Swimming Pools	
Around Whirlpools/Spas	
Showers/Shower Rooms	
Exercise Rooms/Yoga, Fitness & Dance Studios	•
<b>Education</b>	
Auditoriums	•
Cafeteria, Dining Area (d)	•
Classrooms/Lecture Halls	•
Commercial Parking Garage Walkways (covered)	
Computer Repair Areas	
Computer Training Rooms (5)	•
Corridors	•
Data Warehousing	
Dormitory Rooms	•
Elevators	
Entryways/Foyers (f)	
Food Service Area (d)	
Gymnasium	
Laboratories	•
Lavatories	
Library	•
Locker Rooms (no spikes)	(3)
Multipurpose Room/Cafetorium	•
Office/Administrative/Conference Room	•
Ramps/Ramped Corridors (dry)	(3)
Stairways/Landings	• (6)
Teacher's Lounge	•
Telecommunications Center	
Utility/Storage Areas	•
Around Swimming Pools	
Around Whirlpools/Spas	
Showers/Shower Rooms	

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<b>Hospitality</b>	
Commercial Parking Garage Walkways (covered)	
Corridors	•
Dance Floors/Ballroom	•
Dining Areas/Restaurant (d)	•
Elevators	
Entryways/Foyers (f)	
Exercise Rooms/Yoga, Fitness & Dance Studios	•
Guest Bathrooms (f)	•
Guest Rooms	•
Lobby	•
Lounge	•
Stairways/Landings	• (6)
Vending Areas (f)	•
Around Swimming Pools	
Around Whirlpools/Spas	
Showers/Shower Rooms	
Commercial Kitchen (d)	
Guest Room Kitchenette	•
Breakroom	•
Office	•
<b>Retail/Stores</b>	
Automobile Showrooms	• (6)
Checkout/Cash Wrap	• (6)
Computer Repair Areas	
Entryways/Foyers (f)	
Fast Food Counters (in front)	•
Floral Areas	•
Food Service (d)	•
Frozen Food	• (6)
Indoor Mall Common Areas	• (6)
Laundromats	• (6)
Pet Shops	• (6)
Produce Area	• (6)
Sales Floor – Department Stores	•
Sales Floor – Grocery	•
Sales Floor – Mass Merchant	•
<b>Military Housing/Light Commercial</b>	
Activity Rooms/Common Areas	•
Beauty Salon/Barber Shop	•
Corridors	•
Daycare Areas	•
Dining Areas (d)	•
Doctor/Dentist Office	•
Residence Bathrooms (f)	• (6)
Residence Kitchens	•
Residence Rooms/Barracks	•
Exercise Rooms/Yoga, Fitness & Dance Studios	•
Showers/Shower Rooms	

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<b>Public Venues</b>	
Office/Retail (Airport/Railway/Bus Terminals)	•
Office/Meeting Rooms (Civic/Convention Centers)	•
Museums/Cultural Centers	•
<b>Corporate Environments</b>	
Cafeteria, Dining Area (d)	•
Commercial Parking Garage Walkways (covered)	
Computer Repair Areas	
Computer Training Rooms (5)	•
Corridors	•
Data Warehousing	
Elevators	
Entryways/Foyers (f)	
Lavatories	
Lobby	•
Lunchrooms (d)	•
Offices/Conference Rooms	•
Stairways/Landings	• (6)
Telecommunication Center	
Utility/Storage Rooms	•
Exercise Rooms/Yoga, Fitness & Dance Studios	•
Showers/Shower Rooms	
<b>Light Industrial (e)</b>	
Clean Rooms	
Computer Lab Repair Areas	
Computer Training Rooms (5)	•
Data Warehousing	
Electronic Testing Lab	
Electronics Manufacturing	
Environmental Conditioning Lab (h)	
Offices/Conference Rooms	•
Photo Processing	•
Production Laboratory	
Research Laboratory	
Small Parts Assembly	
Sterile Packaging	
Telecommunications Center	

## Flooring Recommendations Guide

IN ADDITION TO SPACES LISTED ON THESE CHARTS: Commercial Products from Armstrong Flooring may be used on stairsteps, risers and landings. A manufactured slip-retardant nosing should always be applied on steps; Most commercial sheet floors can be flash coved (integral cove). Most building codes consider flash coving in the same category as baseboard trim with respect to fire rating. Consult applicable codes for the particular project to determine the interpretation of allowable height for flash cove; commercial products from Armstrong Flooring 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; commercial products from Armstrong Flooring should not be used as wall covering or wall surfacing.

NOTES: Numerical footnotes (1, 2, 3, etc.) apply to the space requirements; Alpha footnotes (a, b, c, etc.) apply to the product's suitability for the space. The numerical and alpha footnotes are consistent across all Recommended Applications Charts. Depending upon the category, product and space requirements, some footnotes may not appear.

- (a) In most cases veterinary applications are similar.
  - (b) Only operating rooms not requiring conductive flooring.
  - (c) Only recommended for accents and borders.
  - (d) Armstrong floors are not recommended for commercial kitchens and commercial food processing areas, including behind fast-food counters.
  - (e) Most Armstrong floors are not recommended for heavy industrial areas.
  - (f) No standing water; walk-off mats required.
  - (g) Not recommended in laboratories that require special decontamination procedures on surfaces, including floors.
  - (h) Only homogeneous products are recommended in low temperature environmental conditioning units NOT below 34° F (1.11° C).
  - (i) Abode is recommended only for light commercial spaces including daycare, beauty salons and hotel/motel bathrooms.
  - (j) Safety Zone Sheet is only recommended for certain areas where people will be walking with bare feet or soft-soled footwear. Safety Zone Sheet is not recommended for areas over 150 sq. ft. (13.94 m<sup>2</sup>), nor around swimming pools.
- 1) Aseptic Area - hygienic conditions are of critical importance.
  - 2) Recommended for use without grout.
  - 3) Slip Retardance - a more secure walking surface is required.
  - 4) May be installed with S-1840 Quiet Comfort™ Luxury Flooring Underlayment. The installation must be double stick (underlayment adhered to flooring and subfloor).
  - 5) Not recommended in applications that require electrostatic discharge control.
  - 6) Glue down installation.
  - 7) Not recommended in areas where heavy free weights are used.
  - 8) Water resistance - wet area installation is needed (flash coving, sealed seams).
  - 9) Full Spread or Modified Loose Lay with Perimeter Adhesive recommended. In spaces where the room does NOT exceed 20 ft. (186 m<sup>2</sup>) in any direction, floor can be installed without adhesive.