

Flooring Recommendations Guide

Rigid Core Flooring
Rigid Core Essentials™

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.

Healthcare/Hospital Environments (a)	
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	
Staff Lounge	
Telecommunications Center	
Utility/Storage Room/Filing	
Waiting Rooms	
Around Swimming Pools	
Around Whirlpools/Spas	
Showers/Shower Rooms	

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Assisted Living	
Activity Rooms/Common Areas	
Beauty Salon/Barber Shop	•
Corridors	• (6)
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	
Education	
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	
Teacher's Lounge	•
Telecommunications Center	
Utility/Storage Areas	
Around Swimming Pools	
Around Whirlpools/Spas	
Showers/Shower Rooms	

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Hospitality	
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)	• (6)
Guest Rooms	•
Lobby	
Lounge	
Stairways/Landings	
Vending Areas (f)	
Around Swimming Pools	
Around Whirlpools/Spas	
Showers/Shower Rooms	
Commercial Kitchen (d)	
Guest Room Kitchenette	•
Breakroom	•
Office	•
Retail/Stores	
Automobile Showrooms	
Checkout/Cash Wrap	
Computer Repair Areas	
Entryways/Foyers (f)	
Fast Food Counters (in front)	
Floral Areas	
Food Service (d)	
Frozen Food	
Indoor Mall Common Areas	
Laundromats	
Pet Shops	
Produce Area	
Sales Floor – Department Stores	
Sales Floor – Grocery	
Sales Floor – Mass Merchant	
Military Housing/Light Commercial	
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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Public Venues	
Office/Retail (Airport/Railway/Bus Terminals)	
Office/Meeting Rooms (Civic/Convention Centers)	
Museums/Cultural Centers	
Corporate Environments	
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	
Telecommunication Center	
Utility/Storage Rooms	•
Exercise Rooms/Yoga, Fitness & Dance Studios	
Showers/Shower Rooms	
Light Industrial (e)	
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	

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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 m²), nor around swimming pools.
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- 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 m²) in any direction, floor can be installed without adhesive.