

Rigid Core – Residential, ≤ 0.5 mm (20 mil) wear layer

Residential areas are environments subject to typical household traffic. This classification excludes areas exposed to heavy rolling traffic or motorized wheelchairs. A suitable chair mat is required for all chairs with casters.

Residential applications include, but are not limited to:

- Apartments, condominiums, and multifamily units
- Other interior residential spaces, including bathrooms and kitchens
- Home offices, A suitable chair mat is required for all chairs with casters.
- Hotel rooms and adjoining bathrooms, when installed using the Wet Area Installation Method

Rigid Core – Light Commercial, ≥ 0.5 mm (20 mil) wear layer, or equivalent)

Commercial areas are environments subject to commercial foot traffic. This classification excludes areas exposed to heavy rolling traffic and motorized wheelchairs. A suitable chair mat is required for all chairs with casters. Commercial areas must also be free of heavy chemicals, acids, greases, and similar contaminants.

Commercial applications include, but are not limited to:

- All Residential Use areas
- Corporate spaces, A suitable chair mat is required for all chairs with casters.

Dormitories:

- Rooms, interior entryways, and hallways
- Light-use, non-egress stairways and landings

Retail spaces, including:

- Bookstores
- Boutiques
- Clothing stores
- Gift shops, including theme-park gift shops
- Jewelry stores
- Light storage spaces
- Small cafés, excluding restaurants
- Coffee shops
- Vending areas
- Pro shops, provided skates or spikes are not used

Health and fitness areas:

- Exercise rooms, excluding use with barbells or dumbbells, and provided non-rubber protective mats at least ½ in. thick are placed beneath equipment

Veterinary clinics:

- Veterinary clinics, excluding surgical suites

Education areas, excluding corridors, kitchens, and cafeterias:

- Classrooms
- Administrative offices
- Lobbies

LVT – Residential, ≤ 0.3 mm (12 mil) wear layer

Residential areas are environments subject to typical household traffic. Heavy rolling traffic, including traffic from motorized wheelchairs, is permitted.

Residential applications include, but are not limited to:

- Single-family homes, apartments, condominiums, and multifamily units
- Other interior residential spaces, including bathrooms and kitchens
- Home offices, light use only
- Light-use residential exercise rooms, excluding use with barbells or dumbbells, and provided non-rubber protective mats at least ½ in. thick are placed beneath equipment

LVT – Light Commercial, ≥ 0.3 mm (12 mil) and ≤ 0.5 mm (20 mil) wear layer

Light Commercial areas are environments subject to light-to-moderate foot traffic, rolling traffic, and caster use. Light Commercial areas must also be free of heavy chemicals, acids, greases, and similar contaminants.

Light Commercial applications include, but are not limited to:

- All Residential Use areas
- Corporate spaces

Dormitories:

- Interior entryways and hallways
- Non-egress stairways and landings

Retail spaces, including:

- Bookstores
- Boutiques
- Clothing stores
- Gift shops
- Jewelry stores
- Storage spaces
- Small cafés, excluding restaurants
- Coffee shops
- Vending areas

Other light commercial areas:

- Pro shops, provided skates or spikes are not used

Health and fitness areas:

- Moderate-use exercise rooms, excluding use with barbells or dumbbells, and provided non-rubber protective mats at least ½ in. thick are placed beneath equipment

Additional light commercial areas:

- Pharmacy areas, excluding compounding areas and laboratories
- Hotel rooms and adjoining bathrooms

LVT – Heavy Commercial, ≥ 0.5 mm (20 mil) wear layer

Heavy Commercial areas are environments subject to heavy foot traffic, dynamic rolling loads, and caster use. Portable furnishings with casters, rests, or wheels that concentrate the weight of the furnishing may damage resilient flooring. Refer to the floor protection guidelines for additional information.

Heavy Commercial use does not necessarily include environments exposed to acids, caustic chemicals, hydrocarbons, oil, grease, including animal and vegetable products, or similar contaminants.

Heavy Commercial applications include, but are not limited to:

- All Residential and Light Commercial Use areas

Retail spaces:

- Big-box retail stores
- Restaurants
- Mall common areas and shops

Education and public-use areas:

- Classrooms
- Stairways, landings, and corridors

Health and fitness areas:

- Exercise rooms, excluding use with barbells or dumbbells, and provided non-rubber protective mats at least ½ in. thick are placed beneath equipment

Factories, excluding pallet or forklift traffic:

- Laboratories and administrative areas
- Packaging areas

Healthcare areas, without infection control requirements:

- Waiting rooms
- Administrative areas
- Corridors, stairways, and landings
- Lobbies and waiting areas
- Back-of-house areas, excluding pallet or forklift traffic

Transportation areas:

- Airport terminals
- Bus and rail terminals

Veterinary areas:

- Veterinary clinics and hospitals

Warehouses:

- Areas without heavy storage, forklifts, or pallet-moving equipment

Wet areas:

- Bars, customer areas only; not behind bars

Hospitality areas:

- Hotel suites
- Meeting rooms and convention halls
- Common areas and corridors