



Acoustical Ceiling Materials Guideline for Healthcare Facilities

Below are **pre-approved** ceiling materials the department studied and found to comply with the *2010 Guidelines for Design and Construction of Health Care Facilities* and the *Washington State Retail Food Code*.

This list **does not include** all acoustical ceiling tiles. You must submit materials not listed to Construction Review Services for review and approval prior to installation

1. **Non-restricted spaces:** Department approval is not required.

These areas include: lobby, waiting room, restrooms and non-restricted corridors.

2. **Patient care areas:** Ceiling finishes must be easily cleanable with routine housekeeping equipment. Acoustic and lay-in ceilings, where used, must not create ledges or crevices or interfere with infection control.

These areas include: clean utility/supply/linen, soiled utility/holding, nourishment, pharmacy, central services, laboratories, patient rooms, nurse's stations, recovery, xray, exam, morgue./autopsy, storage, chronic dialysis, coronary care, intensive care, labor and delivery rooms, work areas for storage and processing of instruments, and nurseries.

3. **Dietary and laundry areas:** Ceiling finish must be smooth, scrubbable, nonabsorptive, nonperforated, durable, and capable of withstanding cleaning with chemicals. The ceiling tiles must be installed with a rust-free grid, and weigh at least one pound per square foot or you must gasket or clip down the ceiling to prevent the passage of particles from the cavity above the ceiling plane.

These areas include: food preparation, food storage, ware washing, and laundry areas.

4. **Semi-restricted areas:** Ceiling finishes must be smooth, scrubbable, nonabsorptive, nonperforated, durable and capable of withstanding cleaning with chemicals, and without crevices that can harbor mold and bacterial growth. The department does not accept perforated, tegular, serrated cut, or highly textured tiles. The lay-in ceiling tiles must weigh at least one pound per square foot, or you must gasket or clip down the ceiling to prevent the passage of particles from the cavity above the ceiling plane.

These areas include: airborne infection isolation rooms, clean corridors, clean core, scrub sink areas, central sterile supply spaces, specialized radiographic rooms, NICU, decontamination rooms, minor surgical procedure rooms, and class A operating rooms.

5. **Restricted areas:** The department does not allow acoustic ceiling tiles. Ceilings must be of monolithic construction. You cannot have cracks or perforations in these ceilings. Ceiling finishes must be scrubbable and capable of withstanding cleaning and/or disinfecting chemicals. You must gasket or seal all access openings in these ceilings.

These areas include: operating rooms, sterile core and protective environment rooms.

The department recommends you gasket or clip down lay-in ceilings to prevent passage of particles from the cavity above the ceiling plane into the room's environment. You must paint and/or seal exposed cut tile edges. Take special precautions during installation and maintenance activities of ceiling tiles to ensure you do not compromise infection control.

If tiles are nonporous, or if moisture is due to small stream leak, they can be cleaned as per manufacturer's recommendation, or cleaned with dilute hypochlorite and air dried before replacement. If major water damage occurs and porous tiles are not removed and dried within 24 to 48 hours, you should discard and replace the tiles.

All ceiling finishes must comply with NFPA 101.



NR: no DOH requirement NP: not permitted X:Acceptable *in certain locations only, consult with your CRS plan reviewer	1 Non- Restricted	2 Patient Care Areas	3 Dietary & Laundry	4 Semi restricted	5 Restricted
Armstrong					
Clean Room FL (Mylar)	NR	X	X	X	NP
Clean Room VL Unperforated	NR	X	X	X	NP
VL Perforated	NR	X	NP	NP	NP
Cortega	NR	X	NP	NP	NP
Dune	NR	X	NP	NP	NP
Fine Fissured	NR	X	NP	NP	NP
Georgian (High washability, non-perf)	NR	X	NP	NP	NP
Health Zone/Clean Room Ultima	NR	X	X	*	NP
Mesa	NR	X	NP	NP	NP
Health Zone/Clean Room Optima -with foil backing & painted edge	NR NR	* X	NP NP	NP NP	NP NP
Optima Open Plank -with foil backing & painted edge	NR NR	* X	NP NP	NP NP	NP NP
Tundra	NR	X	NP	NP	NP
Ultima	NR	X	NP	NP	NP
Certainteed					
Adagio	NR	X	NP	NP	NP
Baroque	NR	*	NP	NP	NP
Ecophon Gedina A, E	NR	X	NP	NP	NP
Ecophon Hygiene Protect A	NR	X	*	*	NP
Enviroguard	NR	X	X	X	NP
Fine Fissured	NR	*	NP	NP	NP
Sand Micro	NR	X	NP	NP	NP
Symphony F -foil backed & painted edge	NR	X	NP	NP	NP
Symphony G	NR	X	*	*	NP
Symphony M	NR	X	X	*	NP
TufCore	NR	X	NP	NP	NP
Vinylrock	NR	X	X	X	NP
VinylShield A, C	NR	X	*	*	NP
USG INTERIORS					
Sheetrock Brand Lay-in (ClimaPlus), Vinyl	NR	X	X	X	NP
Cleanroom (ClimaPlus) Class 100 non-perf	NR	X	X	X	NP
Cleanroom (ClimaPlus) Class 10M-100M perforated	NR	*	NP	NP	NP
Mars (ClimaPlus)	NR	X	X	*	NP
Rock Face (ClimaPlus)	NR	X	NP	NP	NP
Touchstone (ClimaPlus)	NR	X	NP	NP	NP
Astro (ClimaPlus)	NR	X	NP	NP	NP
NATIONAL GYPSUM					
Gridstone and Hi-strength	NR	X	*	*	NP
Gridstone Cleanroom	NR	X	*	*	NP