

## Wall and Ceiling Finishes

### Examples - Wall and Ceiling Finishes

- Paints
- Stains and transparent finishes
- Multi-color coatings Rubber Flooring
- Vinyl-coated fabric wall covering-PVC free
- Suspended acoustic ceiling systems or acoustical panels
- Sprayed-on acoustical treatment
- Acoustical wall treatment
- Abuse resistant acoustical panels
- Metal Ceiling Panels
- Wood Ceilings

### Performance Standards - Wall and Ceiling Finishes

1. Non-toxic and non-polluting materials (low-VOC)
2. Can be cleaned with non-polluting maintenance products
3. Specify only composite wood and agri fiber products, or products containing these as substrates, that are third-party certified to comply with formaldehyde emissions requirements in the product's ANSI standard, the Composite Panel Association Environmentally Preferable Product Standard, or that contain no added urea formaldehyde resins. Do not use in high humidity or wet areas.

### Performance Guidelines - Wall and Ceiling Finishes

- Maximize use of recycled content products
- Consider initial costs and life cycle costs
- Consider products that can be repaired or replaced by local persons
- Consider ease of installation
- Consider sound absorbing qualities
- Consider use of locally available materials
- Consider reflectance values of walls and ceilings
- Consider wall and ceiling products or systems appropriate for specific functional spaces with and acoustical properties

## Paints and Vinyl Wall Coverings

### Examples - Paints and Vinyl Wall Coverings

- Paints
- Stains and transparent finishes
- Multi-color coatings Rubber flooring
- Vinyl-coated fabric wall coverings - PVC free

### Construction Standards - Paints and Vinyl Wall Coverings

1. Use low-VOC emitting paints
2. Use Water-based Acrylic Latex paints in lieu of solvent-based paints on non-metal surfaces
3. Use Alkyd Enamel paints on metal surfaces
4. Apply water-based paints within a temperature range in accordance with the manufacturer's recommendations
5. Vinyl-coated fabric wall covering: total weight minimum 22 oz. / sq.yd.; adhesive VOC content of 50 grams/liter or less
6. Provide proper ventilation during application, curing and occupancy
7. Use water-based epoxy paints in interior areas with high humidity or subjected to surface moisture

### Performance Benefits - Paints and Vinyl Wall Coverings

- Easy to clean

### Performance Guidelines - Paints and Vinyl Wall Coverings

- Wall coverings: maximize use of recycled and recyclable materials
- Consider light value colors to enhance day-lighting
- Paints: Consider abrasion resistance; hide ability, odor, overall appearance and application method

## Acoustical Ceilings and Panels

### Examples - Acoustical Ceilings and Panels

- Suspended acoustic ceiling systems or acoustical panels
- Sprayed-on acoustical treatment
- Acoustical wall treatment
- Abuse resistant acoustical panels
- Metal Ceiling Panels
- Wood Ceilings

### Construction Standards - Acoustical Ceilings and Panels

1. Ceiling suspension system: Conform to ASTM C 635; main and cross runners roll-formed from cold-rolled steel sheet, pre-painted; Hot-dip galvanized per ASTM A 653, G30 coating
2. Ceiling panels shall meet ASTM C 1264 for Class A materials
3. Acoustic ceiling panels shall have a minimum Noise Reduction Coefficient (NRC) 0.55 and Ceiling Attenuation Class (CAC) 35 rating
4. Spray-on acoustical treatment: minimum NRC of 0.65 per ASTM C423, and a maximum flame spread rating of 15, and smoke developed of 0 per ASTM E84; thickness as necessary to accomplish design R-value and STC values
5. Acoustical wall treatment: rigid glass-fiber board and fine-grain cork core faced with fabric
6. Abuse-resistant acoustical panels: flame spread rating less than 25; wood fibers and hydraulic cement binder composition
7. Specify low formaldehyde acoustical ceiling panels

### Performance Benefits - Acoustical Ceilings and Panels

- Good sound absorption qualities
- Low cost ceiling application

### Performance Guidelines - Acoustical Ceilings and Panels

- Consider ceiling tiles that contain a minimum recycled content of 20%
- Ceiling panels anti-microbial treatment is optional