

Performance Guidelines

1. Provide uniform light distribution
2. Provide low glare
3. Reduce energy costs
4. Mitigate safety / security concerns
5. Low maintenance
6. Provide day lighting that uses diffused or reflected sunlight
7. Provide windows views to help eye health and help reduce stress
8. Encourage “top lighting” to provide best uniform illumination
9. Consider all academic spaces to have natural daylight
10. Minimize east and west facing glass

Examples

1. View windows
2. “Top lighting” (roof monitors, unit skylights, and tubular skylights)
3. Entrance assemblies
4. Interior and exterior doors

Components

1. View windows
2. Clerestory windows
3. Roof monitors and skylights
4. Entrance assemblies
5. Interior doors
6. Exterior doors

Construction Standards

1. Air infiltration rate of less than 0.4 CFM/ft performance class AW and grade 65 by AAMA.
2. Testing for thermal performance according to AAMA 1503.
3. Not less than 26 STC when tested for sound transmission loss according to ASTM A90.
4. Operating window sash to be factory glazed.
5. Windows to be double glazed and have low emissive coating.
6. Glass for exterior doors and sidelights shall comply with state fire prevention codes. Provide vestibule at main entrance.
7. In un-rated assemblies, glass for interior doors shall be a minimum of ¼ inch clear tempered.
8. Interior ~~wood~~ doors to be solid-core wood and factory finished except in PE, Shop, Gyms, Labs and Locker rooms. Unfinished doors may be used for renovations and additions.
9. Consider selection of interior doors constructed with recycled or recovered content and low VOC (volatile organic compounds) if available.
10. Consider selection of interior doors with wood veneers harvested from sustainable forests if available.
11. For a high degree of sound isolation on both interior and exterior doors, provide full perimeter gaskets and automatic door bottoms with a neoprene element for acoustical doors and an STC rating appropriate for the intended use.
12. On exterior doors, provide full perimeter weather-stripping and thresholds.
13. Exterior hollow metal doors shall be insulated.