

# DESIGN GUIDELINES: FINISHES



## General Learning Settings

FINISHES															Notes									
FLOOR FINISHES					WALL FINISHES					CEILING FINISHES														
Carpet (CPT)	Ceramic Tile (CT)	Hardened Concrete (HC)	Poured Flooring (PF)	Quarry Tile (QT)	Sheet Rubber Flooring (SRF)	Sports Flooring	Vinyl Composition Tile (VCT)	Wood (WD)	Concrete Block (CMU)	Reinforced Concrete	Gypsum Wallboard (GWB)	Plaster	Ceramic Tile (CT)	Min STC 45	Min STC 60	Ceiling 9'-0" (2750mm) min	Ceiling 10'-0" (3050mm) min	Ceiling 12'-0" (3650mm) min	Ceiling 24'-0" (7300mm) min	Acoustical Ceiling Tile (ACT)	Scrubable Acoustical Tile (SACT)	Gypsum Wallboard (GWB)	Exposed Structure	
<b>General Learning Settings</b>																								
<b>Neighborhood</b>																								
	X				X	X			X	X	X	X	X				X		X				X	17
					X	X			X	X	X	X	X				X		X				X	17
	X				X	X			X	X	X	X	X			X			X				X	17
	X				X	X			X	X	X	X	X			X			X					17
					X	X			X	X	X	X				X			X					
<b>Learning Impaired Moderate/Severe</b>																								
					X	X			X	X	X	X		X		X			X					9
	X				X	X			X	X	X	X	X			X			X			X		9
	X								X	X	X	X	X			X							X	
	X								X	X	X	X	X			X							X	

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## Exploratory (Specialized) Learning Spaces

	FINISHES														Notes											
	FLOOR FINISHES						WALL FINISHES				CEILING FINISHES															
	Carpet (CPT)	Ceramic Tile (CT)	Hardened Concrete (HC)	Poured Flooring (PF)	Quarry Tile (QT)	Sheet Rubber Flooring (SRF)	Sports Flooring	Vinyl Composition Tile (VCT)	Wood (WD)	Concrete Block (CMU)	Reinforced Concrete	Gypsum Wallboard (GWB)	Plaster	Ceramic Tile (CT)	Min STC 45	Min STC 60	Ceiling 9'-0" (2750mm) min	Ceiling 10'-0" (3050mm) min	Ceiling 12'-0" (3650mm) min	Ceiling 24'-0" (7300mm) min	Acoustical Ceiling Tile (ACT)	Scrubbable Acoustical Tile (SACT)	Gypsum Wallboard (GWB)	Exposed Structure		
<b>Exploratory (Specialized) Learning Spaces</b>																										
<b>Career and Technical Education (CTE) - MS, HS</b>																										
Small CTE Lab - MS, HS						X	X			X	X	X	X		X		X				X			X		5, 15
Medium CTE Lab - MS, HS						X	X			X	X	X	X		X		X				X			X		5, 15
Large CTE Lab - MS, HS						X	X			X	X	X	X		X		X				X			X		5, 15
<b>Flex Laboratory</b>																										
Flex Laboratory						X	X			X	X	X	X		X		X				X			X		
<b>Science Laboratory - MS, HS</b>																										
Science Laboratory - MS, HS						X	X			X	X	X	X		X		X				X			X		12
Prep Room - MS, HS						X	X			X	X	X	X				X				X					12
Chemical Storage Room - MS, HS						X	X			X	X	X	X				X				X					12
<b>Art - ES, MS, HS</b>																										
Art Room		X				X	X			X	X	X	X		X		X				X			X		
Graphic Arts		X				X	X			X	X	X	X		X		X				X			X		
Kiln		X				X	X			X	X	X	X				X				X		X	X		
Art Workroom/Storage		X				X	X			X	X	X	X				X				X			X		

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<b>Exploratory (Specialized) Learning Spaces</b>																										
<b>Music</b>																										
	X				X	X			X	X	X	X			X					X						2,3,10,11
	X				X	X			X	X	X	X				X			X							
	X				X	X			X	X	X	X		X	X				X							2,3,10
	X				X	X			X	X	X	X	X		X				X							
	X				X	X			X	X	X	X	X		X				X							2,3,10,11
	X				X	X			X	X	X	X		X	X				X							2,3,10
<b>Occupational and Physical Therapy (OT/PT)</b>																										
					X	X			X	X	X	X		X	X				X							5
					X	X			X	X	X	X		X		X			X							
<b>JROTC - HS</b>																										
					X	X			X	X	X	X		X		X			X				X			
					X	X			X	X	X	X			X				X							
					X	X			X	X	X	X		X	X				X				X		X	10,16
					X	X			X	X	X	X		X	X				X							
					X	X			X	X	X	X		X	X				X							
					X	X			X	X	X	X				X			X							

# DESIGN GUIDELINES: FINISHES



## Common Shared Spaces

	FINISHES																	Notes							
	FLOOR FINISHES							WALL FINISHES					CEILING FINISHES												
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<b>Common Shared Spaces</b>																									
<b>Commons</b>																									
Welcome Center		X				X	X			X	X	X	X					X			X			X	
Tatami Room/Kitchenette		X				X	X			X	X	X	X					X			X				8
Gathering/Performance		X				X	X			X	X	X	X					X		X	X			X	2
Dining		X				X	X			X	X	X	X					X		X	X			X	
Storage		X	X			X	X			X	X	X	X				X			X					
<b>Information Center</b>																									
Stacks	X					X	X			X	X	X	X	X				X		X					
Circulation Desk	X					X	X			X	X	X	X					X		X					
Administration Area/Storage	X					X	X			X	X	X	X	X		X	X			X					
Broadcast Room	X					X	X			X	X	X	X		X	X				X					
Educational Technologist Office	X					X	X			X	X	X	X	X		X	X			X					
<b>Performance Area</b>																									
Performance Area	X	X				X	X			X	X	X	X		X			X		X			X		2
<b>Gymnasium</b>																									
Gymnasium						X				X	X	X	X		X				X	X			X		1,4
Auxiliary Gym						X				X	X	X	X		X				X	X			X		1,4
PE Storage			X			X	X			X	X	X	X				X			X					
PE Teacher Office		X	X			X	X			X	X	X	X	X		X	X			X					
PE Teacher Restroom		X	X							X	X	X	X	X	X	X	X						X		
Locker Rooms - MS, HS		X	X							X	X	X	X	X	X		X			X			X	X	

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## Common Shared Spaces

	FINISHES																Notes								
	FLOOR FINISHES						WALL FINISHES					CEILING FINISHES													
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<b>Common Shared Spaces</b>																									
<b>Athletic Facilities</b>																									
Athletic Locker Rooms - HS		X	X							X	X	X	X	X	X			X			X		X	X	
Athletic Team Room, Football - HS		X	X							X	X	X	X	X	X			X			X		X	X	
Athletic Weight Room - HS			X	X			X			X	X	X	X		X			X			X			X	
Athletic Office - HS		X	X		X	X				X	X	X	X		X		X				X				
Athletic Storage - HS			X			X	X			X	X	X	X				X				X				
Athletic Laundry - HS		X	X							X	X	X	X	X			X				X			X	
Athletic Training Room - HS		X	X		X	X				X	X	X	X	X			X				X				
Athletic Officials Changing Rooms - HS		X	X							X	X	X	X	X			X				X			X	
<b>Food Service</b>																									
Serving Line		X			X	X				X	X	X	X	X							X				13
Food Preparation			X	X						X	X	X	X	X			X					X	X		
Dishwashing			X	X						X	X	X	X	X			X					X	X		
Dry Storage			X	X						X	X	X	X				X					X	X		
Refrigeration/Freezer Storage																									14
Food Service Office			X	X						X	X	X	X		X		X				X	X			
Restroom (Handicap)			X	X						X	X	X	X	X	X		X						X		
Staff Lockers (Male/Female)			X	X						X	X	X	X	X	X		X					X	X		
Janitor			X	X						X	X	X	X	X			X					X	X		
Receiving Area			X	X						X	X	X	X	X			X					X	X		
<b>Recycling Center</b>																									
Recycling Center		X			X	X				X	X	X	X	X			X				X		X		

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## Student Support Areas

	FINISHES																Notes								
	FLOOR FINISHES						WALL FINISHES						CEILING FINISHES												
	Carpet (CPT)	Ceramic Tile (CT)	Hardened Concrete (HC)	Poured Flooring (PF)	Quarry Tile (QT)	Sheet Rubber Flooring (SRF)	Sports Flooring	Vinyl Composition Tile (VCT)	Wood (WD)	Concrete Block (CMU)	Reinforced Concrete	Gypsum Wallboard (GWB)	Plaster	Ceramic Tile (CT)	Min STC 45	Min STC 60	Ceiling 9'-0" (2750mm) min	Ceiling 10'-0" (3050mm) min	Ceiling 12'-0" (3650mm) min	Ceiling 24'-0" (7300mm) min	Acoustical Ceiling Tile (ACT)	Scrubable Acoustical Tile (SACT)	Gypsum Wallboard (GWB)	Exposed Structure	
<b>Student Support Areas</b>																									
<b>Administration Area</b>																									
Reception/Waiting Area	X	X				X	X			X	X	X	X					X			X				
Clerical Work Area	X					X	X			X	X	X	X				X				X				
Principal's Office	X					X	X			X	X	X	X		X		X				X				
Assistant Principal's Office	X					X	X			X	X	X	X		X		X				X				
SMSS Office	X					X	X			X	X	X	X		X		X				X				
Registrar's Office	X					X	X			X	X	X	X		X		X				X				
Conference Room	X					X	X			X	X	X	X		X		X				X				
Student Records Room	X					X	X			X	X	X	X				X				X				6
Work/Copy Room	X					X	X			X	X	X	X		X		X				X				
Mail Room	X					X	X			X	X	X	X				X				X				
<b>Miscellaneous Offices</b>																									
Itinerant Office						X	X			X	X	X	X		X		X				X				
Schools Officer						X	X			X	X	X	X		X		X				X				
Alcohol and Substance Abuse Counselor (ASAC)						X	X			X	X	X	X		X		X				X				
Parents' Center						X	X			X	X	X	X		X		X				X				
<b>Guidance Counseling Center</b>																									
Reception/Waiting Area						X	X			X	X	X	X				X				X				
Psychologist Office						X	X			X	X	X	X		X		X				X				
Counselor Office						X	X			X	X	X	X		X		X				X				
Conference Room						X	X			X	X	X	X		X		X				X				
Storage						X	X			X	X	X	X					X			X				
Career Information/Exploration Center - MS, HS						X	X			X	X	X	X		X		X				X				

# DESIGN GUIDELINES: FINISHES



## Student Support Areas

	FINISHES																Notes								
	FLOOR FINISHES						WALL FINISHES						CEILING FINISHES												
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<b>Student Support Areas</b>																									
<b>Special Education Office</b>																									
Technician/Waiting Area						X	X			X	X	X	X				X				X				
CSC Office						X	X			X	X	X	X		X		X				X				
CSC Conference Room						X	X			X	X	X	X		X		X				X				
Assessment Area						X	X			X	X	X	X		X		X				X				
Storage Closet						X	X			X	X	X	X				X				X				
<b>Professional Development Center</b>																									
Staff Lounge						X	X			X	X	X	X		X		X				X				
Central Workroom						X	X			X	X	X	X		X		X				X				
Professional Resource Library						X	X			X	X	X	X		X		X				X				
<b>Health Services</b>																									
Treatment Area	X					X	X			X	X	X	X		X		X				X				9
Restroom	X									X	X	X	X	X	X		X						X		
Storage	X					X	X			X	X	X	X				X				X			X	
Waiting Area	X					X	X			X	X	X	X				X				X				
Nurse's Office	X					X	X			X	X	X	X		X		X				X				

# DESIGN GUIDELINES: FINISHES



## Building Services

	FINISHES																Notes								
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<b>Building Services</b>																									
<b>Janitorial Administration</b>																									
Janitorial Administration						X	X			X	X	X	X				X				X				
<b>Maintenance Support</b>																									
Maintenance Support		X				X	X			X	X	X	X					X			X				
<b>School Bus Office</b>																									
Reception/Waiting/Photo Area						X	X			X	X	X	X	X			X				X				
School Bus Office						X	X			X	X	X	X	X			X				X				
<b>School Supply/Storage Area</b>																									
Central Supply/Storage		X				X	X			X	X	X	X					X			X				
Supply Technician (SSA) Office						X	X			X	X	X	X				X				X				
Flammable Storage Area		X								X	X	X	X				X				X				
<b>Technology Service Center</b>																									
Active Component Area						X	X			X	X	X	X	X			X				X		X	5	
AT Workspace						X	X			X	X	X	X	X	X		X				X		X	5	

# DESIGN GUIDELINES: FINISHES



## Building Support

		FINISHES														Notes										
		FLOOR FINISHES						WALL FINISHES					CEILING FINISHES													
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<b>Building Support</b>																										
<b>Circulation</b>																										
	Lobbies		X			X	X				X	X	X	X	X				X		X				X	
	Corridors		X			X	X				X	X	X	X	X			X			X				X	
	Stairs		X			X	X				X	X	X	X	X			X			X			X	X	
<b>Infrastructure</b>																										
	Public Restrooms		X								X	X	X	X	X	X	X	X						X		
	Janitor's Closets		X			X	X				X	X	X	X	X		X	X						X	X	9
	LAN Rooms					X	X				X	X	X	X	X	X		X			X			X		5
	Mechanical Rooms			X							X	X	X	X		X		X						X		
	Electrical Rooms			X							X	X	X	X				X						X		



## DESIGN GUIDELINES NOTES: FINISHES

### General Notes - Finishes

- A. Acceptable finishes are indicated. Other locally available low-maintenance surfaces may be used.
- B. Provide base as appropriate for flooring material.
- C. Acoustical ceiling tile is 2 x 2, typical.
- D. Provide vinyl-coated grid at locations of vinyl-coated ceiling tile.
- E. Provide high-durability, moisture-resistant, washable paint at GWB ceilings.
- F. Consider the use of large tackable wall surfaces as tackboards in instructional areas, especially Art, Neighborhood, and CTE/Flex Lab spaces.
- G. Provide acoustical wall treatment as appropriate for all open, tall and/or noise-producing spaces.
- H. Provide acoustic seal at all doors in walls with a required STC rating.
- I. All ceiling heights indicated are minimum requirements. Higher ceilings may be provided for acoustical or aesthetic reasons.
- J. Terrazzo may be used as a floor finish in high traffic areas if project can bear the additional cost of this long-lasting, durable material.
- K. Use of carpet flooring must be specifically reviewed and approved by DoDEA area personnel.

### Schedule Notes – Finishes

1. Wall finish must be capable of enduring ball strikes. Impact-resistant (IR) GWB or perforated IR-GWB may be used above 10'-0" (1830mm) AFF, but 2-layers with minimum thickness of 5/8" are required.
2. Provide appropriate acoustical treatments for music and performance spaces.
3. Perimeter walls of the entire music suite and the division of the instructional spaces (band room, keyboard lab, choral room, and practice rooms) shall be STC-60. Other walls within the suite may be STC-45.
4. Acoustic wall treatment must be capable of enduring ball strikes.
5. Provide floor finishes that will not build up a static charge in the OT/PT area, Technology Service Center, LAN closets, and CTE/Flex Lab spaces where students may be working with computer components.
6. Records room shall be minimum 1-hour fire rated construction.
7. Acoustical ceiling tiles may be provided in Auxiliary Gym if it will not be used for ball sports.

8. The floor in the tatami room is raised 12" and shall have tatami mats as the floor finish. If the kitchenette is also provided, it will not be raised and will have appropriate floor finishes.
9. All surfaces should be easily sanitized and long wearing.
10. Sound-rated doors with the same rating as the wall.
11. Provide ceiling height of 16' – 24' as appropriate for the acoustics of the room.
12. Acid resistant flooring.
13. Provide finishes in the serving line similar to the dining area.
14. Refrigerator/freezer is a built-in equipment item with wall and ceiling finishes by the manufacturer. Floor finishes may be a part of this built-in equipment or match the flooring material in the food preparation area.
15. Provide finishes and sound rating as appropriate for the individual student activity areas within the CTE/Flex Lab spaces. Refer to the specific requirements for spaces such as Video Communications, Family Consumer Science and Culinary Arts.
16. Provide acoustical treatment within this space and sound-rating for the perimeter walls as required for the containment of the decibel levels of the specific firing range training equipment.
17. Use of area rugs in educational spaces is encouraged to promote floor-based activities and as a means for sound attenuation within these spaces. Use of carpet flooring can be considered, but must be specifically reviewed and approved by DoDEA area personnel. Documentation must be provided if there is a belief that carpet is needed for sound attenuation. Documentation and justification must be provided to DoDEA area personnel that not only substantiates attenuation effectiveness but also addresses existing concerns about indoor air quality relative to sanitation/cleaning and mold/mildew development.