

09 60 00 – Floor Finishes

DIVISION 9 - Finishes



STATEMENT OF PURPOSE & BACKGROUND

- Scope:
 - Preparation of Floor, Selection and Installation of Floor Finishes.
 - Renovation of existing buildings may require deviations from these standards; consult with Owner's Project Manager.
- Statement of goals
 - Provide a consistent high quality finish surface that:
 - Has low impact on indoor air quality (clean air, dust, low or no VOCs, allergens).
 - Creates an environment to support learning.
 - Is durable, consistent with the use of the space.
 - Is compatible with the use of the space.
 - Is applied in a manner consistent with reduced life cycle cost.
 - Is easily cleaned and maintained.
 - Contains recycled / recyclable material.
 - Leverages previous district investments.
 - Minimizes unnecessary attic stock, saving the district money in both initial cost and disposal fees.
 - Goals by room type
 - Circulation
 - Durable hard surface flooring appropriate for expected traffic volume.
 - Minimize cleaning and maintenance effort while maintaining a welcoming appearance.
 - Slip resistant, in compliance with OSHA requirements, particularly at entries.
 - Offices / Administration
 - Present a welcoming appearance consistent with building entry experience.
 - Appropriate for an office / administrative setting.
 - Classroom
 - Pre-K, K and ECFE, a mix of 2/3 of the space carpet (or washable rugs or mats) and 1/3 hard surface per EEA guidelines and application criteria below.
 - 1st through 12th grade, hard surface flooring.
 - Coordinate with Acoustical Consultant as necessary to provide optimal acoustical environment in specialty classrooms, e.g. Music.
 - Durable finish to maintain appearance and performance through the school year.
 - Performance / Assembly
 - Coordinate with Acoustical Consultant as necessary to provide optimal acoustical environment.
 - Cafeteria / Food Storage and Preparation
 - Provide a safe and sanitary environment per Health Department regulations.
 - Durable, easily cleaned, sanitized and maintained.
 - Athletics
 - Pre-K - 8th grade: safe hard surface floor, compatible with activities.
 - 9th – 12th grade: wood athletic flooring at gymnasiums.
 - Specialty spaces (field house, fitness room, etc.): per criteria below.

- Revision history of section:
 - 03/19/13
 - 10/04/16
 - 8/11/17
 - 2/12/19
 - 03/09/21

SELECTION AND APPLICATION CRITERIA

Flooring Application Matrix

CONC-1: Polished Concrete (03 50 00)	RB-1: 3mm min. Rubber Tile (09 65 16)
CONC-2: Sealed Concrete	RB-2: (Not used)
CPT-1: Carpet Tile (09 68 00)	RB-3: Rubber Stair Tread (09 65 16)
CPT-2: Carpet Tile (09 68 00)	RB-4: Rubber Athletic Flooring (09 65 66)
CT-1: Ceramic Tile	RB-5: Rubber Court Flooring (09 65 66)
CT-2: Ceramic Tile Sanitary Base	RB-6: Rubber Sport Surface (09 65 66)
ER-1 Resinous Epoxy Flooring (09 67 23)	VB-1: Vinyl Base (09 65 13)
ER-2: Resinous Epoxy Cove Base (09 67 23)	WD-1: Strip Wood Flooring
ET-1: Epoxy Terrazzo*	WD-2: Wood Athletic Floor
ET-2: Epoxy Terrazzo Cove Base*	WD-3: Wood Existing Refinished (09 64 00)
QT-1: Quarry Tile, smooth surface	VCT-1: Vinyl Composition Tile
QT-2: Quarry Tile Base	

Circulation (K-12)

	EXISTING SUBSTRATE			Base	NOTES
	Slab on Grade	Concrete	Wood		
Vestibule	CONC-1	CONC-1	n/a	VB-1	Walk off Mats
Primary Corridor	ET-1	ET-1	n/a	ET-2	Existing TZ floors with inset tile to receive ER-1 or RB-1 at inset only
	CONC-1	CONC-1		VB-1	
	RB-1	RB-1		VB-1	
Secondary Corridor	ET-1	ET-1	n/a	ET-2	Existing TZ floors with inset tile to receive ER-1 or RB-1 at inset only
	CONC-1	CONC-1		VB-1	
	RB-1	RB-1		VB-1	
Stairs	ET-1	ET-1	n/a	ET-2	
	CONC-1	CONC-1		VB-1	
	RB-3	RB-3		VB-1	

*Traditional and epoxy terrazzo are acceptable when budget allows.

Office / Administration

	EXISTING SUBSTRATE			Base	NOTES
	Slab on Grade	Concrete	Wood		
Reception	CPT	CPT	CPT	VB-1	Use underlayment over wood
Office	CPT	CPT	CPT	VB-1	Use underlayment over wood
Conference	CPT	CPT	CPT	VB-1	Use underlayment over wood
Nurse/Health except @ toilet	RB-1	RB-1	RB-1	VB-1	Use underlayment if rubber is installed over wood floors typ. CT at toilet room floor.
Work Room	RB-1	RB-1	RB-1 WD-3	VB-1	Use underlayment if rubber installed over wood floors typ.
Staff Lounge	RB-1	RB-1	RB-1 WD-3	VB-1	Use underlayment if rubber installed over wood floors typ.

Classrooms

	EXISTING SUBSTRATE			Base	NOTES
	Slab on Grade	Concrete	Wood		
Pre-K / K / ECFE	CPT RB-1	CPT RB-1	CPT RB-1 WD-3	VB-1 VB-1 VB-1	1/3 Rubber (or wood) Flooring at sink area, 2/3 Carpet
1-5 General Classroom	RB-1	RB-1	RB-1 WD-3	VB-1 VB-1	Use underlayment if rubber installed over wood floors typ.
K-5 Art Classroom	RB-1 CONC-1	RB-1 CONC-1	RB-1 WD-3	VB-1 VB-1	“
K-5 Science Classroom	RB-1 CONC-1	RB-1 CONC-1	RB-1 WD-3	VB-1 VB-1	“
6-12 General Classroom	RB-1	RB-1	RB-1 WD-3	VB-1 VB-1	“
6-12 Art Classroom	RB-1 CONC-1	RB-1 CONC-1	RB-1 WD-3	VB-1 VB-1	“
6-12 Science Classroom	RB-1 CONC-1	RB-1 CONC-1	RB-1 WD-3	VB-1 VB-1	“
Music Classroom	CPT	CPT	CPT	VB-1	Use underlayment over existing wood floors
Band Classroom	RB-1	RB-1	RB-1 WD-3	VB-1 VB-1	“
Computer Lab	RB-1	RB-1	RB-1 WD-3	VB-1 VB-1	“
Technology Lab	CONC-1	CONC-1	RB-1 WD-3	VB-1 VB-1	“

Performance / Assembly

	EXISTING SUBSTRATE			Base	NOTES
	Slab on Grade	Concrete	Wood		
Auditorium	CPT CONC-2	CPT CONC-2	n/a	VB-1 VB-1	CPT in aisles only if fixed seats
Media Center	CPT	CPT	CPT	VB-1	
Stage	WD-1	WD-1	WD-1	VB-1	WD-3 as occurs
Dance Studio	Sprung wood floor	Sprung wood floor	Sprung floor	VB-1	Sprung floor TBD per site

Cafeteria / Food Service

	EXISTING SUBSTRATE			Base	NOTES
	Slab on Grade	Concrete	Wood		
Kitchen	QT-1	QT-1	QT-1	QT-2	No grit additives
Cafeteria	CONC-1 RB-1 ET-1	CONC-1 RB-1 ET-1	RB-1	VB-1 VB-1 ET-2	Verify with AHJ if welded seams are required with rubber sheet flooring
Dry Storage	QT-1	QT-1	QT-1	QT-2	No grit additives
Dish Room	QT-1	QT-1	QT-1	QT-2	No grit additives
Cold Storage	QT-1	QT-1	N/A	QT-2	No grit additives

Athletics

	EXISTING SUBSTRATE			Base	NOTES
	Slab on Grade	Concrete	Wood		
K- 5 Gymnasium	RB-6	RB-6	WD-3	Per Mfr.	Refinish existing wood floors if conditions warrant
6-8 Gymnasium	RB-6	RB-6	RB-6 WD-3	Per Mfr.	Refinish existing wood floors if conditions warrant
9-12 Gymnasium	WD-2	WD-2	WD-2	Per Mfr.	
Field House	RB-5 RB-6	RB-5 RB-6	RB-6	Per Mfr.	Use RB-5 textured rubber for indoor running track where occurs – verify with Owner
Fitness/Weight Room	RB-4	RB-4	RB-4	VB-1	
Pool/ Natatorium	ER-1 CT-1	ER-1 CT-1	n/a	ER-2 CT-1	Flooring must be slip resistant
Storage	CONC-2	CONC-2	VCT-1	VB-1	No base at Conc/CMU walls

Locker Rooms

	EXISTING SUBSTRATE			Base	NOTES
	Slab on Grade	Concrete	Wood		
Locker Room	ER-1 CONC-2	ER-1 CONC-2	n/a	ER-2 CMU	Flooring must be slip resistant
Showers	ER-1 CT-1	ER-1 CT-1	n/a	R-2 CT-2	Flooring must be slip resistant
Toilet Room	ER-1 CT-1	ER-1 CT-1	ER-1 CT-1	ER-2 CT-1	Flooring must be slip resistant
Office	ER-1 CONC-2	ER-1 CONC-2	VCT-1	ER-2 VB-1	Use underlayment over wood floors at VCT
Storage	CONC-2	CONC-2	VCT-1	VB-1	Use underlayment over wood floors at VCT; use VB-1 at VCT. No base at Conc/CMU walls. VB at plaster/Gyp. Bd. walls only.

Support Spaces

	EXISTING SUBSTRATE			Base	NOTES
	Slab on Grade	Concrete	Wood		
Mechanical Room	CONC-2	CONC-2	n/a	VB-1 CMU	No base at Conc/CMU walls. VB at plaster/Gyp. Bd. only
Storage	CONC-2	CONC-2	VCT-1 or keep exg. wood	VB-1 CMU	Use underlayment over wood floors at VCT; use VB-1 at VCT. No base at Conc/CMU walls. VB at plaster/Gyp. Bd. walls only.
Loading Dock	CONC-2	CONC-2	VCT-1	VB-1 CMU	Use underlayment over wood floors at VCT; use VB-1 at VCT. No base at Conc/CMU walls. VB at plaster/Gyp. Bd. walls only.
Custodial Office	CONC-2	CONC-2	VCT-1 or keep exg. wood	VB-1 CMU	Use underlayment over wood floors at VCT; use VB-1 at VCT. No base at Conc/CMU walls. VB at plaster/Gyp. Bd. walls only.
Technology Closet	CONC-2	CONC-2	VCT-1 static dissipative	VB-1 CMU	Use underlayment over wood floors at VCT; use VB-1 at VCT. No base at Conc/CMU walls. VB at plaster/Gyp. Bd. walls only.
Custodial Closet	CONC-2	CONC-2	VCT-1	CONC/ CMU	Use underlayment over wood floors at VCT; use VB-1 at VCT. No base at Conc/CMU walls. VB at plaster/Gyp. Bd. walls only.
Toilet Rooms	CT-1	CT-1	CT-1	CT-1	Use underlayment over wood floors as occurs – verify conditions. No rubber flooring or VCT at any toilet rooms.

NOTES:

Verify all existing flooring conditions. These application criteria cover most, but not all, possible flooring conditions. Where deviations occur between existing conditions and these application criteria, confirm flooring and base applications with SPPS Project Manager.

End of Section