PART 1  GENERAL

1.01  SCOPE OF WORK
A. Interior and exterior exposed surfaces shall be painted except as follows and except as allowed otherwise by DPS:
   1. Pre-finished or factory-finished items
   2. Ductwork, conduit, hangers, etc. when concealed above finished ceilings or within walls
   3. Code-required labels
   4. Operating parts such as dampers, sprinkler heads, etc.
   5. Galvanized finished metals, except in interior public finished areas

1.02  QUALITY ASSURANCE
A. Among other standards, follow recommendations of the Architectural Specifications Manual by the Painting & Decorating Contractors of America.
B. Primers and other undercoat paint shall be produced by the same manufacturer as finish coats.
C. For new buildings and expansions: Provide a complete finish coat mock up for approval prior to proceeding with the finish coat on the remainder of the project.

1.03  SUBMITTALS
A. Technical specifications for each paint to be used on each substrate
B. Operation and maintenance information
   1. Color finish schedule
   2. Color draw-downs
   3. Color formula for each color used on the project
   4. Paint manufacturer
   5. Paint subcontractor
   6. Maintenance instructions

PART 2  MATERIALS

2.01  ACCEPTABLE MANUFACTURERS
A. Paints – Devoe, Benjamin Moore, Sherwin-Williams, Old Western, Behr/Kilz
B. Wood Stain and Wood Finish – Benjamin Moore, Sherwin-Williams, Minwax, Devoe, Behr/Kilz
C. Block Filler - Devoe, Benjamin Moore, Sherwin-Williams, Old Western, Behr/Kilz
D. Gypsum board PVA Primer - Devoe, Benjamin Moore, Sherwin-Williams, Old Western, Behr/Kilz
E. Anti-graffiti sealer for masonry – American Polymer Corp., ProSoCo., Tamms Industries Devoe, Sherwin-Williams, Old Western, Behr/Kilz
F. Marker Board Paint – PCI, JFB Hart, Idea Paint, Rustoleum

2.02  MATERIALS
A. IAQ Requirement: For field applications that are inside the weatherproofing system, paints and coatings must meet the applicable VOC limits of the California Air Resources Board (CARB) 2007, Suggested Control Measure (SCM) for Architectural Coatings, or the South Coast Air Quality Management District (SCAQMD) Rule 1113, effective June 3, 2011. SCAQMD includes the following VOC content limits:
1. Flat Paints and Coatings: 50 g/L.
2. Nonflat Paints and Coatings: 50 g/L.
3. Dry-Fog Coatings: 150 g/L.
4. Primers, Sealers, and Undercoaters: 100 g/L.
5. Rust-Preventive Coatings: 100 g/L.
6. Zinc-Rich Industrial Maintenance Primers: 100 g/L.
7. Pretreatment Wash Primers: 420 g/L.
8. Shellacs, Clear: 730 g/L.
9. Shellacs, Pigmented: 550 g/L.

B. Interior paints on renovations shall be 100% latex acrylic products.
   1. All hard ceilings, plaster, drywall, exposed metal decking shall be painted with 100% latex acrylic semi-gloss.

C. Interior paints on new buildings and expansions shall be as follows:
   1. Bathrooms, locker rooms, kitchens, slope closets, and any other wet areas shall be water based epoxy.
   2. Remainder of interior shall be latex semi-gloss 100% acrylic.

D. All exterior surfaces that receive paint shall be 100% latex acrylic semi-gloss.

E. Interior and exterior metal door frames, doors, and handrails on new buildings and expansions shall receive water based alkyd or water based epoxy.

F. Wood doors for renovations shall match the existing doors in the building.

G. Wood doors for new building and expansions shall be pre-finished with a water borne polyurethane.

H. Stage flooring paint shall be flat black 100% latex acrylic.

I. All raw CMU and brick to be painted shall receive block filler prior to paint.

J. Galvanized metals shall receive a prep primer.

K. Stains shall have a clear water borne polyurethane finish.

L. Sheen
   1. At existing conditions, interior and exterior painted surfaces shall be finished with a semi-gloss finish.
   2. At all new buildings, expansions, and major renovations, with a Level 4 drywall finish use eggshell paint sheen. Use of orange peel texture is also permitted.
   3. Sheen for ceiling paints
      a) Interior ceiling areas shall be painted with semi-gloss sheen on drywall, plaster and exposed metal decking.
         i) Exception – Hard lid ceilings in Auditoriums shall be painted with flat sheen.
      b) All acoustic tile to be painted shall be painted with flat latex dryfall.

M. Material for repainting lockers and metal toilet partitions: Electrostatic finish or industrial enamel

PART 3 EXECUTION

3.01 EXAMINATION

A. Inspect prepared surfaces prior to application of finish coats.
   1. Contractor shall notify the Architect and DPS prior to application of finish coats.
   2. Inspections by others do not relieve the A/E of contract responsibilities.
   3. Ensure that minimum one primer coat and two finish coats are applied per specifications.
3.02 PREPARATION
A. General
   1. Materials receiving paint, stain, and other liquid-applied finish shall have all grease, dirt, tape, staples, thumb tacks and other foreign materials removed.
   2. Patch and fill cracks and holes of all sizes.
   3. Touch up primers, etc.
   4. Fill gaps and transitions at trim, woodwork, cabinets, baseboards, windows, door frames, etc., with sealant or caulk, to provide smooth, uniform surfaces for painting.
   5. Provide a smooth, clean substrate for painting.
B. Substrate preparation for specific materials
   1. Primed steel: Remove rust, touch up shop primer.
   2. Galvanized steel: Chemical phosphate etch, solvent clean.
   5. Gypsum board: Clean and remove dust and dirt.
   6. Acoustic ceilings: Remove and replace damaged acoustic materials.
C. Repainting of existing painted surfaces
   1. Remove tape, staples, and loose paint.
   2. Fill nail holes, staple holes, holes of any size, cracks, and voids.
   3. Fill, sand and finish to provide uniform substrate and to match existing surfaces.
   4. Texture or skim coat if necessary.

3.03 APPLICATION
A. All surfaces shall receive a minimum of three (3) coats of paint, varnish, etc.
   1. Gypsum board and plaster: Primer and two (2) finish coats
   2. Masonry: Filler and two (2) finish coats
   3. Metals: Primer and two (2) finish coats
B. Paint shall be applied by brush or roller, spraying with backrolling is allowed (airless, conventional, HVLP).
C. Allow 24 hours between coats.

3.04 VENTILATION AND SAFETY
A. Application of paint or staining in interior spaces must be performed during non-occupied building hours or; positive ventilation must be provided to assure that fumes from painting operations are exhausted directly to the exterior of the building.
B. Application of painting or staining in interior spaces shall not occur less than 4 hours prior to the scheduled occupancy of the building.

3.05 EXTRA MATERIAL
A. Draw downs of each color and type used to be included in O&Ms.
B. Furnish from same production run as materials applied.
C. Containers shall be clearly labeled describing contents, color, and formula.
D. Identify using the same designation as found on the finish schedule in the operations and maintenance manual.
E. One gallon of each color used to be stored at each school where paint color was applied.
PART 4  PAINTING OF EXISTING GLAZED BLOCK

4.01 SURFACE PREPARATION

A. Each surface shall be cleaned, scraped, sanded and prepared as specified. The painting contractor is responsible for the finish of their work. Should any surface be found unsuitable to produce a proper paint or sealant finish the project manager shall be notified in writing. Discontinue application until the unsuitable surfaces have been corrected.

B. All deteriorated or delaminated substrates shall be replaced with new materials.

C. Thoroughly sand all glossy surfaces to create a profile for paint and/or primer to adhere to.

D. Apply caulking as needed in specific areas. Allow caulking to cure for specified time in dry weather before paint is applied.

E. Glazed block – prime coat STIX Primer (3.1 mils WFT or .9 mils of DFT)

F. Finish coat – pro industrial pre-catalyzed water based epoxy (K46 series) (4 mils WFT or 1.5 mils) 2 coats
   1. 24 hour curing period required between primer and paint.

PART 5  PAINT SCHEDULES—See Following Pages
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### ACCENT COLORS

- **XOXO P110-7**
- **RACE CAR STRIPE P170-6**
- **FLIRT ALERT P150-7**
- **DASH OF CURRY M170-6**
- **JAPANESE KOI P210-7**
- **BLAZING BONFIRE P250-7**
- **SIZZLING SUNSET P200-6**
- **FALL FOLIAGE M220-7A**
- **SMILEY FACE P260-6**
- **SUNNY SIDE UP P270-7**
- **FUZZY DUCKLING P270-5**
- **JOYFUL ORANGE P240-7**
- **LASER LEMON P290-7**
- **LAZY LIZARD P350-7**
- **PARK PICNIC P390-7**
- **SPRINGVIEW GREEN P380-6**
- **MEGA BLUE P520-6**
- **COSMIC COBALT P500-7**
- **ADMIRAL BLUE M520-7**
- **TROPICS P450-6**
- **WIZARD’S POTION P550-6**
- **JUST A FAIRYTALE P560-6**
- **PURPLE PARADISE PPU16-3**
- **CARBON N520-7**
Color Scheme 1

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Color Scheme 3

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Salamander P370-6
Hacienda Blue P490-6
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Color Scheme 4

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MEGA BLUE P520-6

COSMIC COBALT P500-7

ADMIRAL BLUE M520-7

TROPICS P450-6
Accent Color 6

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Wizard's Potion P550-6
Purple Paradise PPU16-3

Just a Fairytale P560-6
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# Denver Public Schools 2016 Master Color List

## High/Middle Schools Colors List

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## Scheme 8 | Natural Twine S310-3 | Primary |
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- Park Picnic P390-7
- 100 MPH P170-7
- Extreme Yellow P260-7
- Cornflower P520-4
- Vinter M100-6
- Shamrock Green P420-5
- Splendor Gold P250-6
- Calvary Brown N220-7
HIGH and MIDDLE SCHOOLS
COLOR SCHEME SELECTOR

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Color Scheme 2

Color Scheme 3

Color Scheme 4

Color Scheme 5

Color Scheme 6

1 Denver Public Schools 2016 High and Middle Color Schemes
COLOR SCHEME SELECTOR

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- Almond Cookie 8300-3
- Spiced Berry 8150-6
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Color Scheme 8
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Color Scheme 10
- Woodcraft N200-5
- True Copper 8180-7
- Ashen Tan N220-2
- Mayan Ruins N300-7

Color Scheme 11
- Elegant Navy M520-7
- Rusty Gate M220-7
- Canvas Luggage N300-2
- Alpaca Extract M380-7

Color Scheme 12
- Rumba Orange M230-7
- Optimum Blue M540-7
- Campfire Ash M320-1
- Battleship Gray M160-4
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Accent Colors 2
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Color Scheme 1

- Authentic Tan N290-2
- Coco N270-3
- Colorful Leaves M190-7
- Optimum Blue M540-7
Color Scheme 2

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JAPANESE KOI P210-7
WHITE MOCHA OR-W11
COFFEE BEANS N150-6

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Color Scheme 3

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CREME FRAICHE S240-1

SONORAN DESERT N240-3

RODEO TAN N240-5

TORNOADO SEASON S450-6
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Color Scheme 5

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- ROASTED CASHEW S250-5
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NATURAL TWINE S310-3

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ASHEN TAN N220-2
WOODCRAFT N200-5
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CAMPFIRE ASH N320-1

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