

Part 1 General

1.1 REFERENCES

- .1 ANSI A118.9 - Specifications for Test Methods and Specifications for Cementitious Backer Units.
- .2 ASTM C475/C475M-02 (R2007) - Standard Specification for Joint Compound and Joint Tape for Finishing Gypsum Board.
- .3 ASTM C557-03(2009)e1 - Standard Specification for Adhesives for Fastening Gypsum Wallboard to Wood Framing.
- .4 ASTM C645-09a - Standard Specification for Non-structural Steel Framing Members.
- .5 ASTM C665-06 - Standard Specification for Mineral-Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing.
- .6 ASTM C754-09a - Standard Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products.
- .7 ASTM C840-08 - Standard Specification for Application and Finishing of Gypsum Board.
- .8 ASTM C1002-07 - Standard Specification for Steel Self-Piercing Tapping Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs.
- .9 ASTM C1047-10a - Standard Specification for Accessories for Gypsum Wallboard and Gypsum Veneer Base.
- .10 ASTM C1278/C1278M-07a - Standard Specification for Fiber-Reinforced Gypsum Panel.
- .11 ASTM C1288-99(2010) - Standard Specification for Discrete Non-Asbestos Fiber-Cement Interior Substrate Sheets.
- .12 ASTM C1325-08b - Standard Specification for Non-Asbestos Fiber-Mat Reinforced Cementitious Backer Units.
- .13 ASTM C1396/C1396M-09a - Standard Specification for Gypsum Board.
- .14 ASTM E90-09 - Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements.
- .15 CAN/CGSB-71.25-M88 - Adhesive, for Bonding Drywall to Wood Framing and Metal Studs.
- .16 CAN/ULC-S101-07 - Standard Methods of Fire Endurance Tests of Building Construction and Materials.
- .17 CAN/ULC-S102-10 - Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies.
- .18 CAN/ULC-S702-09 - Standard for Mineral Fibre Thermal Insulation for Buildings.
- .19 Gypsum Association GA-214-10 - Recommended Levels of Gypsum Board Finish.
- .20 Gypsum Association GA-216-10 - Application and Finishing of Gypsum Panel Products.

- .21 Gypsum Association GA-600-09 - Fire Resistance Design Manual.
- .22 Gypsum Association GA-801-07 - Handling and Storage of Gypsum Panel Products: A Guide for Distributors, Retailers, and Contractors.
- .23 ULC - Fire Resistance Directory.

1.2 SUBMITTALS FOR REVIEW

- .1 Section 01 33 00: Submission procedures.
- .2 Product Data:
 - .1 Provide data on gypsum board, cementitious backer board, joint tape, and filler.
 - .2 Provide data on shaft wall assembly.

Part 2 Products

2.1 FRAMING MATERIALS

- .1 Refer to Section 09 21 16.

2.2 GYPSUM BOARD MATERIALS

- .1 Gypsum Board: ASTM C1396/C1396M, paper-faced; 4' wide, maximum available length in place; tapered edges, ends square cut.
 - .1 Regular core, 13mm and 16mm thick.
 - .2 Fire rated core, 16mm thick.
- .2 Exterior Gypsum Board: ASTM C1396/C1396M, glass fibre-reinforced, paperless face; maximum available length in place; square edges, ends square cut.
 - .1 Regular core, 13mm thick.
 - .2 Fire rated core, 16mm thick.

2.3 ACCESSORIES

- .1 Corner Beads: GA-216, metal.
- .2 Edge Trim: GA-216; Trimtex: L-bead, Reveal/shadow bead, F Bead as noted.
- .3 Expansion/Movement Joint: GA-216; Trimtex: 093 Expansion Bead
- .4 Joint Materials: GA-216.
 - .1 Reinforcing tape, adhesive, and water.
 - .2 Joint compound: Asbestos-free dust-controlled.
- .5 Gypsum Board Fasteners: ASTM C1002, Type S12.

Part 3 Execution

3.1 EXAMINATION

- .1 Section 01 10 10 General Requirements: Verify existing conditions before starting work.

- .2 Verify that site conditions are ready to receive work and opening dimensions are as instructed by the manufacturer.

3.2 METAL STUD & FURRING INSTALLATION

- .1 Refer to Section 09 21 16

3.3 FURRING FOR FIRE RATINGS

- .1 Install furring as required for fire resistance ratings indicated and to GA-600 requirements.

3.4 GYPSUM BOARD INSTALLATION

- .1 Install gypsum board in accordance with ASTM C840.
- .2 Erect single layer standard gypsum board vertical, with ends and edges occurring over firm bearing.
- .3 Erect single layer fire rated gypsum board vertically, with edges and ends occurring over firm bearing.
- .4 Use screws when fastening gypsum board to metal furring or framing.
- .5 Double Layer Applications: Use gypsum backing board for first layer, placed parallel to framing or furring members. Use fire rated gypsum backing board for fire rated partitions and ceilings.
- .6 Place second layer parallel to first layer. Offset joints of second layer from joints of first layer.
- .7 Erect exterior gypsum soffit board perpendicular to supports, with staggered end joints over supports.
- .8 Treat cut edges and holes in moisture resistant gypsum board with sealant.
- .9 Place expansion/movement joints in ceilings and walls where indicated and if not indicated expansion/movement joints at 24' o/c typical.
- .10 Place corner beads at external corners as indicated. Use longest practical length. Place edge trim where gypsum board abuts dissimilar materials as indicated.
- .11 Install backing board over gypsum board to manufacturer's written instructions.
- .12 Apply gypsum board to curved walls in accordance with GA-216.

3.5 JOINT TREATMENT

- .1 Finish in accordance with GA-214, Level 5.
- .2 Feather coats on to adjoining surfaces so that camber is maximum 0.75 mm.
- .3 Taping, filling, and sanding is not required at surfaces behind adhesive applied ceramic tile.

3.6 TOLERANCES

- .1 Section 01 10 10 General Requirements: Tolerances.
- .2 Maximum Variation of Finished Gypsum Board Surface from True Flatness: 3mm in 3m in any direction.

END OF SECTION

Part 1 General

1.1 REFERENCES

- .1 ASTM C722-04 - Standard Specification for Chemical-Resistant Monolithic Floor Surfacing.
- .2 ASTM D905-08e1 - Standard Test Method for Strength Properties of Adhesive Bonds in Shear by Compression Loading.
- .3 ASTM E84-15a - Standard Test Method for Surface Burning Characteristics of Building Materials.
- .4 CAN/ULC-S102-10 - Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies.

1.2 SUBMITTALS FOR REVIEW

- .1 Section 01 33 00: Submission procedures.
- .2 Product Data: Provide data on specified products, describing physical performance characteristics; sizes, patterns and colours available; and accessories.
- .3 Samples: Submit two (2) samples, 150 x 150 mm in size illustrating colour and pattern for each floor material for each colour specified.

1.3 SUBMITTALS FOR INFORMATION

- .1 Section 01 33 00: Submission procedures.
- .2 Installation Data: Manufacturer's special installation requirements indicating special procedures, perimeter conditions requiring special attention, and transition details.
- .3 Samples for initial selection: Submit manufacturer's Colour charts showing the full range of colours available for each type of finish coat material indicated for Departmental Representative's initial selection.
- .4 Samples for Verification: Submit samples of each colour and material being applied, with texture to simulate actual conditions, on representative samples of the actual substrate and as follows or Departmental Representative verification:
 - .1 Use representative colours when preparing samples for review; resubmit until required sheen, colour, and texture is achieved.
 - .2 List of materials and application of each coat of each sample; label each sample for location and application.
 - .3 Submit samples on the following substrates for Departmental Representative's review of colour and texture:
 - .1 Hardboard: Provide two (2) 300 mm square samples for each colour and finish.
 - .4 Submit Obtain written acceptance of Samples in writing from the Departmental Representative before commencing Work of this Section. Accepted Samples shall be the final standard of acceptance of the finish.

1.4 CLOSEOUT SUBMITTALS

- .1 Section 01 78 00: Submission procedures.
- .2 Operation and Maintenance Data: Include maintenance procedures, recommended maintenance materials, procedures for stain removal, repairing surface, and suggested schedule for cleaning.

1.5 MAINTENANCE MATERIAL SUBMITTALS

- .1 Section 01 77 00 Closeout Procedures: Maintenance and extra material requirements.
- .2 Extra Stock Materials:
 - .1 Provide 10 L each of Epoxy primer, Epoxy Broadcast Matrix, Epoxy topcoat, of each colour selected, for building maintenance purposes.
 - .2 Provide 4 bags of Quartz from the same dye lot and batch as the original installation.
 - .3 Provide 30 each of 1L and 500mL empty containers for preparation of patch kits.

1.6 QUALITY ASSURANCE

- .1 Products of This Section: Manufactured to ISO 9000 certification requirements.
- .2 Manufacturer Qualifications: Company specializing in manufacturing the Products specified in this section with minimum five (5) years documented experience.
- .3 Installer Qualifications:
 - .1 Applicators must have completed flooring manufacturer's training program for products specified.

1.7 MOCK-UP

- .1 Section 01 45 00: Requirements for mock-up.
- .2 Provide 25 m2 mock-up including flooring and 1.5 m of base.
- .3 Locate where directed by Departmental Representative.
- .4 Approved mock-up may remain as part of the Work.

1.8 DELIVERY, STORAGE, AND PROTECTION

- .1 Section 01 61 00: Transport, handle, store, and protect products.
- .2 Store resin materials in a dry, secure area.
- .3 Maintain minimum temperature of 13 degrees C.
- .4 Store materials for three days prior to installation in area of installation to achieve temperature stability.

1.9 ENVIRONMENTAL REQUIREMENTS

- .1 Section 01 35 43: Environmental conditions affecting products on site.
- .2 Maintain ambient temperature required by manufacturer three (3) days prior to, during, and twenty-four (24) hours after installation of materials.

1.10 WARRANTY

- .1 Provide warranty to include coverage for failure to meet specified requirements.
- .2 Include coverage against degradation of surface finish and flooring delamination from substrate.

Part 2 Products

2.1 MANUFACTURERS

- .1 Manufacturer: Sika; Product: Sikafloor-217
- .2 Other acceptable manufacturers offering functionally and aesthetically equivalent products.
 - .1 Stonshield
 - .2 BASF
- .3 Substitutions: Refer to Section 01 10 10.

2.2 SYSTEM

- .1 Resinous Flooring System: 100% solids, low VOC, low odour, water clear, high gloss epoxy resin used to create premium quality high build coatings, broadcast or trowel-applied surfacing systems.
- .2 Standard of acceptance:

2.3 ACCESSORIES

- .1 Subfloor Filler: epoxy patching mortar; type recommended by flooring material manufacturer.
- .2 Primers and Adhesives: Waterproof; types recommended by flooring manufacturer.

2.4 COLOURS

- .1 Provide all cleaning agents, cleaning cloths, sanding materials and clean up materials required per manufacturer's specifications.

Part 3 Execution

3.1 EXAMINATION

- .1 Section 01 10 10 General Requirements: Verify existing conditions before starting work.
- .2 Verify surfaces are smooth and flat with maximum variation of 6 mm in 3m and are ready to receive work.
- .3 Verify floor and lower wall surfaces are free of substances that may impair adhesion of new adhesive and finish materials.

3.2 PREPARATION

- .1 Prepare concrete substrate in accordance with ASTM C811.

- .2 Remove sub-floor ridges and bumps. Fill low spots, cracks, joints, holes, and other defects with sub-floor filler.
- .3 Apply, trowel, and float filler to achieve smooth, flat, hard surface. Grind irregularities above the surface level. Prohibit traffic until filler is cured.
- .4 Vacuum clean substrate.
- .5 Apply primer to floor and lower wall surfaces.

3.3 INSTALLATION - STRIPS

- .1 Accurately saw cut substrate to install divider strips.
- .2 Install strips straight and level to locations indicated.
- .3 Install terminating cap strip at top of base; attach securely to wall substrate.

3.4 INSTALLATION - FLOORING

- .1 Install flooring to manufacturer instructions.
- .2 Apply to a minimum thickness of 3 mm (1/8 inch).
- .3 Finish to smooth level surface.
- .4 Fillet and cove at vertical surfaces.

3.5 PROTECTION OF FINISHED WORK

- .1 Protect finished floor from damage by subsequent trades.
- .2 Protect freshly applied Products from dampness, condensation and water for at least seventy-two (72) hours.
- .3 Barricade area to protect flooring until cured.
- .4 Monitor air flow and changes in air flow. Protect against introduction of dust, debris, and particles, etc. that may result in surface imperfections and other defects.
- .5 Follow manufacturer's written recommendation with respect to cure, wait time and return to service.

END OF SECTION

Part 1 General

1.1 REFERENCES

- .1 AWWA (American Water Works Association) - C218-02 - Standard for Coating the Exterior of Aboveground Steel Water Pipelines & Fittings.
- .2 AWWA (American Water Works Association) - D102-06 - Coating Steel Water Storage Tanks.
- .3 MPI (Master Painters Institute) – Architectural Painting Specifications Manual.
- .4 NACE (National Association of Corrosion Engineers).
- .5 SSPC (The Society for Protective Coatings) (formerly SSPC - Steel Structures Painting Council) - Steel Structures Painting Manual.

1.2 SUBMITTALS FOR REVIEW

- .1 Section 01 33 00: Submission procedures.
- .2 Product Data: Provide data on all finishing products.
- .3 Samples: Submit two (2) samples, 300x300 mm (12 x 12 inch) in size illustrating selected colours and textures for each colour selected.

1.3 SUBMITTALS FOR INFORMATION

- .1 Section 01 33 00: Submission procedures.
- .2 Installation Data: Manufacturer's special installation requirements indicating special surface preparation procedures, substrate conditions requiring special attention.

1.4 CLOSEOUT SUBMITTALS

- .1 Section 01 78 00: Submission procedures.

1.5 MAINTENANCE MATERIAL SUBMITTALS

- .1 Section 01 78 00 Closeout Submittals: Maintenance and extra material requirements.
- .2 Extra Stock Materials:
 - .1 Provide four (4) litres of each type to Owner.
 - .2 Label each container with colour, type, texture, room locations, in addition to the manufacturer's label.

1.6 QUALITY ASSURANCE

- .1 Products of This Section: Manufactured to ISO 9000 certification requirements.
- .2 Conform to MPI - Specification Manual.
- .3 Manufacturer Qualifications: Company specializing in manufacturing the Products specified in this section with minimum ten (10) years documented experience.

- .4 Installer Qualifications: Workers specializing in performing the work of this section with minimum five (5) years documented experience and approved by the manufacturer. Contractor to submit names and work experience of approved installers to preform the work of this section.

1.7 MOCK-UP

- .1 Section 01 45 00: Quality Assurance.
- .2 Provide 3 x 3 m (10 x 10 ft) field sample panel, illustrating coating colour, texture, and finish.
- .3 Locate where directed by Departmental Representative.
- .4 Approved mock-up may remain as part of the Work.

1.8 DELIVERY, STORAGE, AND PROTECTION

- .1 Section 01 61 00: Transport, handle, store, and protect products.
- .2 Deliver products to site in sealed and labeled containers; inspect to verify acceptability.
- .3 Container label to include manufacturer's name, type of paint, brand name, lot number, brand code, coverage, surface preparation, drying time, cleanup requirements, colour designation, and written instructions for mixing and reducing.
- .4 Store paint materials at minimum ambient temperature of 7 degrees C and a maximum of 32 degrees C, in ventilated area, and as required by manufacturer's written instructions.

1.9 ENVIRONMENTAL REQUIREMENTS

- .1 Section 01 35 43: Environmental conditions affecting products on site.
- .2 Do not apply materials when surface and ambient temperatures are outside the temperature ranges required by the paint product manufacturer.
- .3 Do not apply exterior coatings during rain or snow, or when relative humidity is outside the humidity ranges required by the paint product manufacturer.
- .4 Minimum Application Temperatures for Latex Paints: 7 degrees C for interiors; 10 degrees C for exterior; unless required otherwise by manufacturer's written instructions.
- .5 Minimum Application Temperature for Varnish Finishes: 18 degrees C for interior or exterior, unless required otherwise by manufacturer's written instructions.
- .6 Provide lighting level of 860 lx (80 ft candles) measured mid-height at substrate surface.

1.10 WARRANTY

- .1 Provide warranty to include coverage for failure to meet specified requirements.

Part 2 Products

2.1 MANUFACTURERS

- .1 International, Interzone 485.
- .2 Other acceptable manufacturers offering functionally and aesthetically equivalent products.

- .1 Sika.
- .2 PPG.
- .3 BASF.
- .3 Products to meet: CAN/CGSB 85.100.
- .4 Substitutions: Refer to Section 01 62 00.

2.2 ADDITIONAL MATERIALS

- .1 Coatings: Ready mixed, except field catalyzed coatings. Process pigments to a soft paste consistency, capable of being readily and uniformly dispersed to a homogeneous coating; good flow and brushing properties; capable of drying or curing free of streaks or sags.
- .2 Accessory Materials: Linseed oil, shellac, turpentine, paint thinners and other materials not specifically indicated but required to achieve the finishes specified, of commercial quality.
- .3 Patching Materials: Latex filler.
- .4 Fastener Head Cover Materials: Latex filler.

Part 3 Execution

3.1 EXAMINATION

- .1 Section 01 10 10 General Requirements: Verify existing conditions before starting work.
- .2 Verify that surfaces are ready to receive work as instructed by the product manufacturer.
- .3 Examine surfaces scheduled to be finished prior to commencement of work. Report any condition that may potentially affect proper application.
- .4 Test shop applied primer for compatibility with subsequent cover materials.
- .5 Measure moisture content of surfaces using an electronic moisture meter. Do not apply finishes unless moisture content of surfaces are below the following maximums:
 - .1 Plaster and Gypsum Wallboard: 12%.
 - .2 Masonry, Concrete, and Concrete Unit Masonry: 12%.
 - .3 Interior Wood: 15%.
 - .4 Exterior Wood: 15%.
 - .5 Concrete Floors: 2.5%, or per coating manufacturer.

3.2 PREPARATION

- .1 Remove or mask electrical plates, hardware, light fixture trim, escutcheons, and fittings prior to preparing surfaces or finishing.
- .2 Correct defects and clean surfaces which affect work of this section. Remove existing coatings that exhibit loose surface defects.
- .3 Seal with shellac and seal marks which may bleed through surface finishes.
- .4 Impervious Surfaces: Remove mildew by scrubbing with solution of tri-sodium phosphate and bleach. Rinse with clean water and allow surface to dry.

- .5 Aluminum Surfaces Scheduled for Paint Finish: Remove surface contamination by steam or high pressure water. Remove oxidation with acid etch and solvent washing. Apply etching primer immediately following cleaning.
- .6 Asphalt, Creosote, or Bituminous Surfaces Scheduled for Paint Finish: Remove foreign particles to permit adhesion of finishing materials. Apply compatible sealer or primer.
- .7 Insulated Coverings: Remove dirt, grease, and oil from canvas and cotton.
- .8 Concrete Floors: Remove contamination; acid etch, and rinse floors with clear water. Verify required acid-alkali balance is achieved. Allow to dry.
- .9 Copper Surfaces Scheduled for a Paint Finish: Remove contamination by steam, high pressure water, or solvent washing. Apply vinyl etch primer immediately following cleaning.
- .10 Copper Surfaces Scheduled for a Natural Oxidized Finish: Remove contamination by applying oxidizing solution of copper acetate and ammonium chloride in acetic acid. Rub on repeatedly for required effect. Once attained, rinse surfaces with clear water and allow to dry.
- .11 Gypsum Board Surfaces: Fill minor defects with filler compound. Spot prime defects after repair.
- .12 Galvanized Surfaces: Remove surface contamination and oils and wash with solvent. Apply coat of etching primer.
- .13 Concrete and Unit Masonry Surfaces Scheduled to Receive Paint Finish: Remove dirt, loose mortar, scale, salt or alkali powder, and other foreign matter. Remove oil and grease with a solution of tri-sodium phosphate; rinse well and allow to dry. Remove stains caused by weathering of corroding metals with a solution of sodium metasilicate after thoroughly wetting with water. Allow to dry.
- .14 Plaster Surfaces: Fill hairline cracks, small holes, and imperfections with latex patching plaster. Make smooth and flush with adjacent surfaces. Wash and neutralize high alkali surfaces.
- .15 Uncoated Steel and Iron Surfaces: Remove grease, mill scale, weld splatter, dirt, and rust. Where heavy coatings of scale are evident, remove by [hand] [power tool] wire brushing or sandblasting; clean by washing with solvent. Apply a treatment of phosphoric acid solution, ensuring weld joints, bolts, and nuts are similarly cleaned. Spot prime paint after repairs.
- .16 Shop Primed Steel Surfaces: Sand and scrape to remove loose primer and rust. Feather edges to make touch-up patches inconspicuous. Clean surfaces with solvent. Prime bare steel surfaces. Prime metal items including shop primed items.
- .17 Interior Wood Items Scheduled to Receive Paint Finish: Wipe off dust and grit prior to priming. Seal knots, pitch streaks, and sappy sections with sealer. Fill nail holes and cracks after primer has dried; sand between coats.
- .18 Interior Wood Items Scheduled to Receive Transparent Finish: Wipe off dust and grit prior to sealing, seal knots, pitch streaks, and sappy sections with sealer. Fill nail holes and cracks after sealer has dried; sand lightly between coats.
- .19 Exterior Wood Scheduled to Receive Paint Finish: Remove dust, grit, and foreign matter. Seal knots, pitch streaks, and sappy sections. Fill nail holes with tinted exterior calking compound after prime coat has been applied.

- .20 Exterior Wood Scheduled to Receive Transparent Finish: Remove dust, grit, and foreign matter; seal knots, pitch streaks, and sappy sections with sealer. Fill nail holes with tinted exterior calking compound after sealer has been applied. Remove mill glaze.
- .21 Glue-Laminated Beams: Prior to finishing, wash surfaces with solvent, remove grease and dirt.
- .22 Wood and Metal Doors Scheduled for Painting: Seal top and bottom edges with primer.

3.3 APPLICATION

- .1 Apply products to manufacturer's written instructions.
- .2 Do not apply finishes to surfaces that are not dry.
- .3 Apply each coat to uniform finish.
- .4 Apply each coat of paint slightly darker than preceding coat unless otherwise approved.
- .5 Sand wood lightly between coats to achieve required finish.
- .6 Vacuum clean surfaces free of loose particles. Use tack cloth just prior to applying next coat.
- .7 Allow applied coat to dry before next coat is applied.
- .8 Where clear finishes are required, tint fillers to match wood. Work fillers into the grain before set. Wipe excess from surface.
- .9 Prime concealed surfaces of interior and exterior woodwork with primer paint.
- .10 Prime concealed surfaces of interior woodwork scheduled to receive stain or varnish finish with gloss varnish reduced 25% with mineral spirits.

3.4 CLEANING

- .1 Section 01 74 11: Cleaning installed work.
- .2 Collect waste material which may constitute a fire hazard, place in closed metal containers and remove daily from site.

3.5 SCHEDULE - SHOP PRIMED ITEMS FOR SITE FINISHING

- .1 Metal Fabrications (Section 05 50 00): all interior steel fabrications.

3.6 SCHEDULE - COLOURS

- .1 Refer to Room Finish Schedule on drawings

3.7 SCHEDULE - PAINTING & COATINGS

- .1 Generally, colours will be selected from manufacturer's standard lines.
- .2 Generally, exterior miscellaneous metals, door frames and flashings will each be one colour or to match adjacent finishes.
- .3 Generally, interior steel door frames, miscellaneous metals and similar trim each shall be one colour or to match adjacent surfaces.
- .4 Hardwood doors, MDF paneling and trims, and wood trims shall receive clear finish.

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- .5 The following titles and code numbers refer to the C.P.C.A. Architectural Painting Specification Manual, for type of coating, grade, named products and their manufacturers.
- .1 Exterior Low Contact Galvanized Metals - Including galvanized flashings, exposed deck, ductwork, hoods, fans, access hatches, etc. unless pre-painted.
- .1 High Performance Architectural Coating: Epoxy High Solids - Semi Gloss
- .1 Manufacturer: International; Product: Interzone 485
- .2 Approved equal product by Sika, Stonshield or BASF
- .3 1st Coat - Epoxy Block Filler
- .4 2nd Coat - Epoxy High Build (semi gloss)
- .5 3rd Coat - Epoxy High Build (semi gloss)
- .2 Exterior Galvanized Metals - High Contact - including doors, frames, bollards, hand rails, guard railings, etc.
- .1 High Performance Architectural Coating: Epoxy High Solids - Semi Gloss
- .1 Manufacturer: International; Product: Interzone 485
- .2 Approved equal product by Sika, Stonshield or BASF
- .3 1st Coat - Epoxy Block Filler
- .4 2nd Coat - Epoxy High Build (semi gloss)
- .5 3rd Coat - Epoxy High Build (semi gloss)
- .3 Interior Concrete Unit Masonry and Underside of Precast Concrete Deck - HS Epoxy
- .1 High Performance Architectural Coating: Epoxy High Solids - Semi Gloss
- .1 Manufacturer: International; Product: Interzone 485
- .2 Approved equal product by Sika, Stonshield or BASF
- .3 1st Coat - Epoxy Block Filler
- .4 2nd Coat - Epoxy High Build (semi gloss)
- .5 3rd Coat - Epoxy High Build (semi gloss)
- .4 Interior Miscellaneous Metal, Steel Deck and Exposed Structural Members not subject to high contact - including steel cabinets; control panels, convectors, registers, pipes, steel joists, etc. that are not already factory finished to the final colour scheme.
- .1 High Performance Architectural Coatin: Epoxy High Solids - Semi Gloss
- .1 Manufacturer: International; Product: Interzone 485
- .2 Approved equal product by Sika, Stonshield or BASF
- .3 1st Coat - Epoxy Block Filler
- .4 2nd Coat - Epoxy High Build (semi gloss)
- .5 3rd Coat - Epoxy High Build (semi gloss)

- .5 Interior Woodwork I - Clear Finish
Wood Doors and Frames, Moldings, Casework, Benches etc.
 - .1 INT. 6.3K - Polyurethane Varnish; Premium Grade; G4 "Satin" Finish.
 - .1 1st coat - Polyurethane Varnish - reduced
 - .2 2nd coat - Polyurethane Varnish
 - .3 3rd coat - Polyurethane Varnish

END OF SECTION