

SECTION 08417 ALUMINUM STOREFRONT SYSTEM		LOS SUBMITTALS		D. in general, install gypsum board on ceiling before walls, construct ceilings with long dimension of gypsum board applied at right angles to support.		SECTION 09900 PAINTING	
PART 1 GENERAL		A. product data: submit manufacturer's technical data for each glazing material, fabricated glass product required and sealant including installation and maintenance instructions, performance criteria, etc...		E. screw gypsum board to framing with screws not over 8 inches on center, fasten gypsum board beginning at the center and work towards outer edges, hold board firmly against wood framing while fastening, fasteners at edges of boards shall be 1/2 inch from the edge.		PART 1 GENERAL	
1.01 SUMMARY		B. samples: submit, for verification purposes, 12" square sample of each type of glass indicated, including mirrors, mounting hardware and materials.		F. openings for electrical devices, piping, grills, and registers shall be accurately located and neatly made to closely fit the devices and be completely covered by plates and escutcheons.		1.01 GENERAL	
A. provide aluminum storefront systems that will withstand wind pressure loads for the location indicated on the drawings per national, state and local codes.		C. certificate: submit certificates from respective manufacturers attesting that glass and glazing materials furnished for project company with requirements, include all required warranties.		1.03 TRIM PIECES		A. It is the intent of this specification to produce a premium job, which will provide the maximum durability, which can reasonably be expected from a painted surface.	
1.02 RELATED SECTIONS		1. glass manufacturer shall submit a certified letter stating that all glass size and thickness for all glazing openings meet or exceed the wind load requirements as specified in section 08410, aluminum entrances and storefronts, and section 08521, aluminum windows.		A. provide trim accessories of the sizes required for the wallboard application as manufactured by u.s. gypsum, provide dur-a-bead corner bead at external corners and no. 200-a metal casing bead where wallboard abuts other materials.		B. paint includes coating systems materials, primers, emulsions, enamels, stains, sealers, and fillers, and other applied materials whether used as prime, intermediate, or finish coat.	
A. sealants		1.04 DELIVERY, STORAGE AND HANDLING		1.04 FASTENERS		C. specified products below are manufactured by sherwin williams, expect where other manufacturers are indicated, and establish a standard of quality, equivalent products of other acceptable manufacturers may not be used unless approved by architect.	
B. glass and glazing		A. protect glass and glazing materials during delivery, storage and handling to comply with manufacturer's directions and as required to prevent edge damage to glass and glazing materials from effects of moisture including condensation, of temperature changes, and moisture exposure to glass and from other causes.		A. provide screws, nails, clips, ties, and other fasteners as recommended by the gypsum manufacturer.		D. provide best grade and quality materials and products manufactured by sherwin williams, match colors as indicated on the drawings, use premixed paints insofar as possible, thin only as permitted any manufacturer's label instructions, and avoid unnecessary thinning.	
1.03 QUALITY ASSURANCE		B. store in location to prevent any damage, replace glass or glazing materials at any point during the contract period at no cost to owner.		1.05 JOINT TREATMENT SYSTEMS		E. protect finished surfaces, work of other trades, and property of the owner from damage and defacement, cover floors and fixed equipment with drop cloths.	
A. installer shall be experienced to perform work of this section who has specialized in the installation of work similar to that required for this project.		1.05 GUARANTEE		A. system shall be perforated tape and cement recommended the gypsum manufacturer.		F. prepare surfaces according to paint manufacturer's instructions, examine factory finished and primed surfaces to be painted, and verify compatibility of existing material with paint to be applied, apply paint in strict accordance with the manufacturer's printed instructions only to surfaces which are thoroughly dry, smooth, even, clean, free of dust and properly prepared to receive the intended finish.	
B. manufacturer shall be capable of providing field service representation during construction, approving acceptable installer and approving application method.		A. provide minimum ten (10) year guarantee for all glass products, including guarantee against silver spallage of all mirrors, performance of glazing sealants, etc.		B. apply materials in strict accordance to manufacturer's recommendations, fill joints with joint compound, embed perforated tape and apply a skim coat of joint compound over tape, apply two additional coats of joint compound allowing at least 24 hours between each coat, sand each coat, finish surfaces shall be uniformly smooth, true and in satisfactory condition to receive paint.		1.02 PAINTING	
C. verify actual measurement/openings by field measurements before fabrication, show record measurements on shop drawings, coordinate field measurements, fabrication schedule with construction progress to avoid construction delays.		PART 2 PRODUCTS		END OF SECTION 09250		A. ACCEPTABLE MATERIALS	
1.04 SUBMITTALS		2.01 GLASS		SECTION 09255 EXTERIOR SHEATHING		1. all painting to be scheduled in the finish schedule.	
A. prepare, review, approve and submit specified submittals in accordance with "conditions of the contract" and division 1 submittals section.		A. provide glass types and thickness as per drawings and window schedule: float (or "plate"): comply with federal specification dd-g-451.		PART 1 PRODUCTS		2. equivalent products of the following are also acceptable:	
B. submit shop drawings showing layout, profiles, and product components, including anchorage, accessories, finish colors and textures.		clear wire glass: comply with federal specification dd-g-451.		2.01 SHEATHING BOARD		pratt & lambert glidden	
C. verify actual measurement/openings by field measurements before fabrication, show record measurements on shop drawings, coordinate field measurements, fabrication schedule with construction progress to avoid construction delays.		B. subject to compliance with all requirements, the following manufacturers offer product which may be incorporated in the work:		A. acceptable products:		porter	
1.05 WARRANTY		tinted glass:		1. g-p gypsum corporation, 1/2inch dens-glass gold sheathing.		benjamine moore	
A. provide manufacturer guarantee against defects in materials or workmanship for a period of one year from the date of substantial completion.		ppg-industries, inc. solargray commercial insulating glass 1-inch units with 1/2-inch airspace and 1/4-inch lites, interior lite clear.		2. g-p gypsum corporation, 5/8inch dens-glass gold fireguard.		B. UNDERCOATS AND THINNERS	
PART 2 PRODUCTS		2. wire glass:		3. exterior grade plywood		1. provide undercoat paint produced by the same manufacturer of finish coat.	
2.01 MATERIAL		firelite.		B. characteristics:		2. use only thinners recommended by the paint manufacturer and use only the recommended limits.	
A. aluminum storefront system(s) shall be: see window schedule.		3. clear float glass:		1. size:		C. COLOR SCHEDULES	
B. extruded sections shall be aluminum aa-6063-t5 alloy.		ppg industries, inc.		dens-glass gold sheathing: 1/2inch (12.7mm) thick by 4' by 8', 9' or 10' (1.9lb.per square foot).		1. provide painting as scheduled in the finish materials schedule.	
C. all glazing materials shall be elastomeric glazing gaskets.		ford glass division.		dens-glass gold fireguard sheathing: nominal 5/8inch (15.9mm) thick by 4' by 8', 9' or 10' (2.5lb per square foot).		on gypsum drywall, use:	
D. aluminum moldings shall be given a caustic etch followed by an anodic oxide treatment to obtain clear anodized finish aa-m12c22a31 class ii, and shall be designated as cl clear finish (0.4 mil min. thick clear anodic coating.)		libbey-owens-ford co.		2. composition:		1. first coat - pigmented primer/sealer	
E. wall thickness of framing members shall be .078 to .125.		C. other manufacturers who provide similar products, subject to compliance with all requirements, may be approved with complete data submittal and architect approval prior to bidding in accordance with division 1.		gypsum sheathing manufactured in accordance with astm c 1177 with glass mats both sides and long edges, water-resistant treated once.		2. second coat - acrylic latex enamel	
F. all exposed framing surfaces shall be free of scratches and other serious blemishes.		D. insulating glass: comply with astm e-773, astm e-774, sealed insulating units fabricated from two panes of glass with air space between, glass thickness and heat strengthening to be determined by manufacturer for wind loading condition, insulating glass warranty: 10 years.		3. fire resistance:		3. third coat - acrylic latex enamel	
PART 3 EXECUTION		2.02 MANUFACTURERS / PRODUCTS		noncombustible when tested in accordance with astm e 136.		on ferrous metal, use:	
3.01 MANUFACTURER'S INSTRUCTIONS / RECOMMENDATIONS		A. float glass (type fg-a): clear, 1/4 inch thick, minimum.		1/2inch or 5/8inch dens-glass gold sheathing: flame spread 0, smoke developed 0, when tested in accordance with astm e 84.		1. first coat - rust inhibitive alkyl metal primer	
A. compliance: comply with manufacturer's product data, including product technical bulletins, product catalog installation instructions, and product carton instructions.		safety glass (type fg-b): clear, fully tempered 1/4 inch thick, minimum.		g-p 5/8inch dens-glass gold fireguard: sheathing is rated "type x" as defined in astm c 36 when tested according to astm e 119 and can be used as a replacement to a gypsum core numeric assembly utilizing a 5/8inch "type x" gypsum board (see gp-600 for numeric assemblies), dens-glass gold fireguard sheathing is ul classified, type dog in ul design n501, n502, n505, u301, u302, u305, u309, u337, u425, u467, u473, x508, x516.		2. second coat - semi-gloss alkyl enamel	
3.02 EXAMINATION		low e glass (type fg-f): float type, tempered, clear, coating on inner surface.		2.02 ACCESSORIES		3. third coat - semi-gloss alkyl enamel	
A. site verification of conditions: verify substrate conditions (which have been previously installed under other sections) are acceptable for product installation in accordance with manufacturer's instructions.		mirror glass (type fg-h): clear tempered safety type with copper and silver coating, square edges.		A. joint tape: 2inch wide, 10 x 10 glass mesh tape.		on wood doors, use:	
3.03 PREPARATION		PART 3 EXECUTION		B. joint compound: g-p gypsum corporation gypcor 90 setting-type joint compound.		1. first coat - stain (see finish schedule)	
A. adjacent surfaces protection: protect adjacent work areas and finish surfaces from damage during product installation.		3.01 PRECONSTRUCTION		C. screws, metal framing:		2. second coat - stain (see finish schedule)	
A. examine job conditions and verify that all are satisfactory for speedy & acceptable work.		A. examine job conditions and verify that all are satisfactory for speedy & acceptable work.		1. type s-12, bugle head, selftapping, rust-resistant, fine thread for heavy steel gauge (12 to 22).		3. third coat - varnish low sheen "rubbed effect"	
B. clean & prepare glazing support materials according to manufacturer's instructions and standards of the glass association of north america glazing manual.		B. clean & prepare glazing support materials according to manufacturer's instructions and standards of the glass association of north america glazing manual.		2. type s, bugle head, rust-resistant sharp point, fine thread for light gauge metal framing or furring.		END OF SECTION 09900	
C. inspection and cleaning shall include but is not limited to the following: clean dirt or foreign materials from channels, stops, rabbets, setting blocks, spacers, ect..		C. inspection and cleaning shall include but is not limited to the following: clean dirt or foreign materials from channels, stops, rabbets, setting blocks, spacers, ect..		D. dow coming 795 or equivalent.		SECTION 09705 - SILIKAL FLOORING	
D. remove non-permanent protective coatings, wipe surfaces clean immediately prior to adding primer, tapesor glazing compounds, apply primer to surfaces as required to receive glazing compounds, to adding primer, tapesor glazing compounds, apply primer to surfaces as required to receive glazing compounds.		3.02 INSTALLATION		PART 3 EXECUTION		1. Work Included:	
E. install sealants to provide complete bond and to assure water will wash away from glass provide precise miter cuts or other direct joints where detailed, seal miter joints and other joints so they are completely airand water tight.		A. inspect framing before installation and provide written report of any conditions that might interfere with satisfactory installation.		3.01 PREPARATION		A. Work described in this section includes surface preparation and installation of Silikal reactive industrial floor system.	
3.04 CLEANING		B. inspect all glass immediately before installation, reject any unlabeled, edge-damaged, scratched, or mis-sized pieces. leave manufacturer's labels attached until the architect directs that they can be removed.		A. examine subframing, verify that surface of framing and furring members to receive sheathing does not vary more than 1/4inch from the place of faces of adjacent members.		B. See drawings for locations and quantities.	
A. clean all glass at the conclusion of the interior work, or when directed by the architect, clean all glass with cleaner, cleaning materials, and methods recommended by the manufacturer, clean all glass completely clear of streaks or spot.		C. install as per manufacturer's instructions and the standards of the flat glass marketing association.		3.02 SHEATHING		2. System Description:	
B. any glass that is scratched or damaged during cleaning will be replaced at the contractor's expense.		D. maintain the highest standards of installation and consistency in application and appearance, install setting blocks and spacers, gaskets, and felts exactly as directed by manufacturer, support glass firmly and evenly with setting blocks. keep glass completely separated from any material other than cushioning stops, spacers, gaskets, etc, install glass to maintain uniform appearance in surfaces, do not vary glazing materials except as approved or directed by the architect.		A. provide dens-glass gold sheathing where indicated on drawings, install sheathing in accordance with manufacturer's instructions and applicable instructions in gp-253 and astm c 1280.		A. 3/16" - 1/4" thick troweled surfacing composite of 100% reactive binder resin and colored quartz aggregate with specified primer and topcoat.	
C. provide owner with manufacturer's instructions for cleaning.		3.05 REPAIR AND REPLACEMENT		B. install dens-glass gold sheathing with gold side out.		B. All resins must be manufactured and tested under ISO 9001 registered quality system and ISO 14001 ecology management system.	
A. remove and replace any damage glass and glazing, install, protect, and clean replacementglass as specified above.		A. remove and replace any damage glass and glazing, install, protect, and clean replacementglass as specified above.		C. use maximum lengths possible to minimize number of joints.		3. Quality Assurance:	
END OF SECTION 08800		END OF SECTION 08800		D. metal framing: attach dens-glass gold sheathing to metal framing with screws spaced 8inch o.c. at perimeter where there are framing supports and 8inch o.c. along intermediate framing in field, drive fasteners to bear tight against and flush with surface of sheathing.		A. Applicator Qualifications:	
DIVISION 9 FINISHES		DIVISION 9 FINISHES		E. do not counterank: locate fasteners minimum 3/8inch from edges and ends of sheathing panels.		1. Only approved applicators, licensed by manufacturer shall be considered for qualification. In no case will permit the application by untrained, non-approved Contractor sub-contractor or their personnel.	
SECTION 09110 METAL SYSTEMS		SECTION 09110 METAL SYSTEMS		F. joint treatment and finish preparation:		B. Acceptance Sample	
METAL STUDS		METAL STUDS		1. painted ceilings and soffits:		1. Representative sample of the specified flooring system shall before submitting their bids.	
A. at interior metal stud partitions, unless otherwise shown on the drawings, provide standard punch steel studs of the sizes shown on the drawings, either hot-dip galvanized or factory pre-paint: 25 ga. unless shown otherwise on the drawings.		A. at interior metal stud partitions, unless otherwise shown on the drawings, provide standard punch steel studs of the sizes shown on the drawings, either hot-dip galvanized or factory pre-paint: 25 ga. unless shown otherwise on the drawings.		2. apply joint tape over joints and embed in setting type joint compound specified.		2. The installed flooring system shall be similar to the acceptance sample in thickness of respective film layers, color, texture, overall appearance and finish.	
B. 20 ga. at all door openings.		B. 20 ga. at all door openings.		skim coat surface with setting type joint compound for smooth finish.		4. Reference Standards: United State Department of Agriculture (USDA) and foodstuffs.	
C. accessories: provide all accessories including, but not necessarily limited to, tracks, clips, anchors, fastening devices, sound attenuation pencil rods and resilient clips, and other accessories required for a complete and proper installation, and as recommended by the manufacturer of the steel studs used.		C. accessories: provide all accessories including, but not necessarily limited to, tracks, clips, anchors, fastening devices, sound attenuation pencil rods and resilient clips, and other accessories required for a complete and proper installation, and as recommended by the manufacturer of the steel studs used.		prime and paint with exterior grade, good quality paints.		5. Submittals:	
C. meet or exceed minimum requirements of federal spec. qq-s-698 and federal spec. qq-s-775d, class d.		C. meet or exceed minimum requirements of federal spec. qq-s-698 and federal spec. qq-s-775d, class d.		H. building paper: if required, install building paper or equid with flashing around openings.		A. Acceptance Sample: As required by owner, one foot square (1 ft. by 1 ft.) sample of the specified acrylic flooring system applied to hardboard or similar backing for rigidity and ease of handling.	
METAL TRIM		METAL TRIM		END OF SECTION 09255		B. Manufacturer's Literature: Descriptive data and specific recommended for surface preparation, mixing, and application of materials.	
A. form from galvanized steel not lighter than 26 gauge, complying with federal spec qq-s-775, class d.		A. form from galvanized steel not lighter than 26 gauge, complying with federal spec qq-s-775, class d.		SECTION 09300 CERAMIC TILE		C. Manufacturer's Material Safety Data Sheets (MSDS) for each respective product to be used.	
B. casing beads: u.s.g. #200-b.		B. casing beads: u.s.g. #200-b.		PART 1 GENERAL		D. Cleaning and Maintenance instructions.	
END OF SECTION 09110		END OF SECTION 09110		1.01 GENERAL		6. Delivery, Storage, And Handling:	
SECTION 09250 GYPSUM WALLBOARD		SECTION 09250 GYPSUM WALLBOARD		A. ceramic and types are indicated on the drawings and are from a single manufacturer, other manufacturers will not be considered.		A. All material shall be delivered in original Manufacturer's sealed containers with all pertinent labels intact and legible.	
PART 1 GENERAL		PART 1 GENERAL		B. deliver materials in original containers with seals unbroken and labels intact until time of uses, engage an experienced installer who has successfully completed tile installations similar in material, design, and extent to that indicated for the project.		B. Store materials in dry protected area between 25 degrees and 80 degrees Fahrenheit. Keep out of direct sunlight. Protect from open flame; keep all containers grounded.	
1.01 GENERAL		1.01 GENERAL		C. comply with parts of ansi 108 series of fine installation standards included under "american national standard specifications for the installer of ceramic tile" that apply to type of setting and grout materials and methods indicated, tile may be thin-set.		C. Follow all Manufacturer's specific label instructions and prudent safety practices for storage and handling.	
A. gypsum wallboard work shall conform to the gypsum association "recommended specifications for the application and finishing of gypsum wallboard.		A. gypsum wallboard work shall conform to the gypsum association "recommended specifications for the application and finishing of gypsum wallboard.		D. cleaning and maintenance instructions.		7. Project/Site Conditions:	
B. examine substrates to which dry wall construction attaches or abuts, preset hollow metal frames, cast-in-anchors, and structural framing for compliance with requirements for installation tolerance & other conditions affecting performance of dry wall construction, do not proceed with installation until unsatisfactory conditions have been corrected.		B. examine substrates to which dry wall construction attaches or abuts, preset hollow metal frames, cast-in-anchors, and structural framing for compliance with requirements for installation tolerance & other conditions affecting performance of dry wall construction, do not proceed with installation until unsatisfactory conditions have been corrected.		1.02 MORTAR AND GROUT		A. Materials, air, and surface temperatures shall be in the range of 32 degrees to 85 degrees Fahrenheit during application and cure, unless a special formulation is being used and manufacturer has been consulted.	
C. do not tape and finish gypsum board when the temperature is below 60 degrees fahrenheit, the temperature of the rooms shall be held at 60 degrees fahrenheit during and after installation, ventilates as required to remove excess humidity.		C. do not tape and finish gypsum board when the temperature is below 60 degrees fahrenheit, the temperature of the rooms shall be held at 60 degrees fahrenheit during and after installation, ventilates as required to remove excess humidity.		A. mortar shall be portland cement astm c150, type 1, grout shall be acid resistant upco hydroment, type as recommended by the manufacturer for the specific type of tile and method of installation, color for floor tile is specified on the drawings.		B. Relative humidity in the specific location of the application shall least 5 degrees above the dew point.	
1.02 GYPSUM WALLBOARD		1.02 GYPSUM WALLBOARD		B. do not grout tile until tile is firmly set, soak or dampen joints of the tile to be grouted with portland cement grout, soak or dampen other joints as recommended by the grout manufacturer, force grout into joint lines completely, filling joints with compacted grout and covering mortar, finish joints of square edged tile flush with surface, strike off tool joints of cushion edged tile to depth of cushion, fill gaps and skips, and retool.		C. Conditions required of new concrete to be coated.	
A. gypsum wallboard shall be manufactured by u.s. gypsum, wallboard is to meet, astm c36-84a andss-1-30d 1/2 inches thick, 48 inches wide with tapered edges.		A. gypsum wallboard shall be manufactured by u.s. gypsum, wallboard is to meet, astm c36-84a andss-1-30d 1/2 inches thick, 48 inches wide with tapered edges.		1.03 CLEANING		1. Concrete shall be moisture cured for a minimum of 7 days at a minimum of 28 days prior to application of the coating system pending moisture testing.	
B. at fire rated partitions install wallboard to meet separate requirements, use type iii, grade xglass 1, 5/8 inches thick fire retardant wallboard.		B. at fire rated partitions install wallboard to meet separate requirements, use type iii, grade xglass 1, 5/8 inches thick fire retardant wallboard.		A. upon completion of the placement and grouting, clean tile surface so that they are free of foreign matter, remove latex-portland cement grout residue from tile as soon as possible, unlabeled tile mib be cleaned with acid solutions only when permitted by tile and grout manufacturer's printed instructions, but sooner than 14 days after installation, flush surface with clean water before and after cleaning.		2. Surface contaminants such as curing agents, membranes, or other bond breakers should not be used.	
C. install gypsum board with true, even surfaces and straight, sharp corners, use full length boards where possible, end joints on the same side of a wall shall be staggered and joints on opposite side shall not occur over the same support, do not locate normal butt joints at edge of doors and windows, form joints neatly, butt boards together but do not force into place. do not buttedges against tapered edges, no joint shall have a gap greater than 1/4 inch.		C. install gypsum board with true, even surfaces and straight, sharp corners, use full length boards where possible, end joints on the same side of a wall shall be staggered and joints on opposite side shall not occur over the same support, do not locate normal butt joints at edge of doors and windows, form joints neatly, butt boards together but do not force into place. do not buttedges against tapered edges, no joint shall have a gap greater than 1/4 inch.		END OF SECTION 09300		3. Concrete shall have a "rubbed" finish; float or darby finish the concrete (a hard steel trowel is neither necessary nor desirable) to the finished grade of the topping.	
END OF SECTION 09511		END OF SECTION 09511		SECTION 09511 ACOUSTIC PANEL CEILINGS		A. Concrete shall have a moisture emission rate of no more than 5lbs. per 1000 sq. ft. per 24 hour period as determined by proper Calcium Chloride Testing. Concrete R/H must be 85% by (Food and Drug Administration (FDA) authorization) for incidental contact with protimeter. Readings greater than 5 by the Calcium Chloride method or 85% by protimeter, may required a preliminary treatment with Silikal RE40.	
SECTION 09511 ACOUSTIC PANEL CEILINGS		SECTION 09511 ACOUSTIC PANEL CEILINGS		PART 1 GENERAL		B. Vapor Barriers and/or suitable means shall have been installed beneath grade slabs to prevent vapor transmission. Consult technical dept.	
PART 1 GENERAL		PART 1 GENERAL		A. coordinate layout and installation of acoustical ceiling units and suspension system components with other construction that penetrates ceilings or is supported by them, including light fixtures and hvac equipment.		C. Acceptance Sample	
1.01 GENERAL		1.01 GENERAL		1.02 MINERAL-FIBER ACOUSTICAL PANELS		1. Representative sample of the specified flooring system shall before submitting their bids.	
A. coordinate layout and installation of acoustical ceiling units and suspension system components with other construction that penetrates ceilings or is supported by them, including light fixtures and hvac equipment.		A. coordinate layout and installation of acoustical ceiling units and suspension system components with other construction that penetrates ceilings or is supported by them, including light fixtures and hvac equipment.		A. provide acoustical panels as specified on sheet id1 - finish schedules, 24 inches by 24 inches by 3/4inches thick square edge, refer to drawings for color selection and limits of tile installation.		2. The installed flooring system shall be similar to the acceptance sample in thickness of respective film layers, color, texture, overall appearance and finish.	
1.02 MINERAL-FIBER ACOUSTICAL PANELS		1.02 MINERAL-FIBER ACOUSTICAL PANELS		B. install in strict accordance with the manufacturer's printed instructions, arrange acoustical units and orient directional pattern of tiles for a uniform appearance, rest panels on flangesor inverted tees with tile units fitting neatly against butting surface and support by wall angles.		4. Reference Standards: United State Department of Agriculture (USDA) and foodstuffs.	
A. provide acoustical panels as specified on sheet id1 - finish schedules, 24 inches by 24 inches by 3/4inches thick square edge, refer to drawings for color selection and limits of tile installation.		A. provide acoustical panels as specified on sheet id1 - finish schedules, 24 inches by 24 inches by 3/4inches thick square edge, refer to drawings for color selection and limits of tile installation.		1.03 GYPSUM-BASE PANELS WITH VINYL MEMBRANE-FACED OVERLAY		5. Submittals:	
B. install in strict accordance with the manufacturer's printed instructions, arrange acoustical units and orient directional pattern of tiles for a uniform appearance, rest panels on flanges or inverted tees with tile units fitting neatly against butting surface and support by wall angles.		B. install in strict accordance with the manufacturer's printed instructions, arrange acoustical units and orient directional pattern of tiles for a uniform appearance, rest panels on flanges or inverted tees with tile units fitting neatly against butting surface and support by wall angles.		A. provide acoustical panels as specified on sheet id1 - finish schedules, 24 inches by 24 inches by 3/4inches thick square edge, refer to drawings for color selection and limits of tile installation.		A. Acceptance Sample: As required by owner, one foot square (1 ft. by 1 ft.) sample of the specified acrylic flooring system applied to hardboard or similar backing for rigidity and ease of handling.	
1.04 METAL SUSPENSION SYSTEM		1.04 METAL SUSPENSION SYSTEM		A. provide system as specified on sheet id1 - finish schedules, suspension system shall be exposed tee-grid, double web, intermediate duty (astm c635), electro galvanized, cold-rolled steel, 15/16 inches wide, capped bottom flange, white in color, system to include all cross tee, bridging trees, intersection clips, splices, complete exposed grid system.		B. Manufacturer's Literature: Descriptive data and specific recommended for surface preparation, mixing, and application of materials.	
A. provide system as specified on sheet id1 - finish schedules, suspension system shall be exposed tee-grid, double web, intermediate duty (astm c635), electro galvanized, cold-rolled steel, 15/16 inches wide, capped bottom flange, white in color, system to include all cross tee, bridging trees, intersection clips, splices, complete exposed grid system.		A. provide system as specified on sheet id1 - finish schedules, suspension system shall be exposed tee-grid, double web, intermediate duty (astm c635), electro galvanized, cold-rolled steel, 15/16 inches wide, capped bottom flange, white in color, system to include all cross tee, bridging trees, intersection clips, splices, complete exposed grid system.		B. lay out pattern in accordance with the drawings, level, true to plane, & at the required elevation, frame around all openings in ceiling lights and grilles with main runners, hangers are to be spaced at 4'-0" on center maximum, provide additional hangers as required to support lightfixtures and hvac registers and grilles and interferences of duct work.		C. Manufacturer's Material Safety Data Sheets (MSDS) for each respective product to be used.	
B. lay out pattern in accordance with the drawings, level, true to plane, & at the required elevation, frame around all openings in ceiling lights and grilles with main runners, hangers are to be spaced at 4'-0" on center maximum, provide additional hangers as required to support lightfixtures and hvac registers and grilles and interferences of duct work.		B. lay out pattern in accordance with the drawings, level, true to plane, & at the required elevation, frame around all openings in ceiling lights and grilles with main runners, hangers are to be spaced at 4'-0" on center maximum, provide additional hangers as required to support lightfixtures and hvac					