

2.1.6. COLORS: AS SCHEDULED.
3.1. EXECUTION
3.1.1. PREPARATION
3.1.1.1. COMPLY WITH RECOMMENDATIONS IN MPIS "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL" APPLICABLE TO SUBSTRATES INDICATED.
3.1.1.2. REMOVE HARDWARE, LIGHTING FIXTURES, AND SIMILAR ITEMS THAT ARE NOT TO BE PAINTED. MASK ITEMS THAT CANNOT BE REMOVED. REINSTALL ITEMS IN EACH AREA AFTER PAINTING IS COMPLETE.
3.1.1.3. CLEAN AND PREPARE SURFACES IN AN AREA BEFORE BEGINNING PAINTING IN THAT AREA. SCHEDULE PAINTING SO CLEANING OPERATIONS WILL NOT DAMAGE NEWLY PAINTED SURFACES.
4. APPLICATION
4.1. COMPLY WITH RECOMMENDATIONS IN MPIS "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL" APPLICABLE TO SUBSTRATES INDICATED.
4.2. PAINT EXPOSED SURFACES, NEW AND EXISTING, UNLESS OTHERWISE INDICATED.
4.3. DO NOT PAINT PREFINISHED ITEMS, ITEMS WITH AN INTEGRAL FINISH, OPERATING PARTS, AND LABELS UNLESS OTHERWISE INDICATED.
4.4. APPLY PAINTS ACCORDING TO MANUFACTURER'S WRITING INSTRUCTIONS.
4.5. USE BRUSHES ONLY WHERE THE USE OF OTHER APPLICATORS IS NOT PRACTICAL.
4.6. APPLY PAINTS TO PRODUCE SURFACE FILMS WITHOUT CLOUDING, SPOTTING, HOLIDAYS, LAPS, BRUSH MARKS, ROLLER TRACKING, RUNS, SAGS, ROPIFNESS, OR OTHER SURFACE IMPERFECTIONS. CUT IN SHARP LINES AND COLOR BREAKS.
4.7. IF UNDERCOATS OR OTHER CONDITIONS SHOW THROUGH TOPCOAT, APPLY ADDITIONAL COATS UNTIL CURED FILM HAS A UNIFORM PAINT FINISH, COLOR, AND APPEARANCE.

-- END OF SECTION 09113 --

SECTION 09123 - INTERIOR PAINTING

1. GENERAL
1.1. SECTION REQUIREMENTS
1.1.1. SUBMITTALS: PRODUCT DATA.
1.1.2. PRODUCT DATA: INCLUDE PRINTOUT OF MPIS "MPI APPROVED PRODUCTS LIST" WITH PRODUCT HIGHLIGHTED.
1.1.3. SAMPLES.
1.2. MOCKUPS: FULL-COAT FINISH SAMPLE OF EACH TYPE OF COATING, COLOR, AND SUBSTRATE, APPLIED WHERE DIRECTED.
1.3. EXTRA MATERIALS: DELIVER TO OWNER [3.8 L] OF EACH COLOR AND TYPE OF FINISH-COAT PAINT USED ON PROJECT, IN CONTAINERS, PROPERLY LABELED AND SEALED.
2. PRODUCTS
2.1. PAINT
2.1.1. MANUFACTURERS: ONE OF THE FOLLOWING:
2.1.1.1. BEHR PROCESS CORPORATION.
2.1.1.2. BENJAMIN MOORE & CO.
2.1.1.3. DURON INC.
2.1.1.4. DULUX (FORMERLY ICI PAINTS): A BRAND OF AKZONOBEL.
2.1.1.5. SHERWIN-WILLIAMS COMPANY (THE).
2.2. MPI STANDARDS: PROVIDE MATERIALS THAT COMPLY WITH MPI STANDARDS INDICATED AND LISTED IN ITS "MPI APPROVED PRODUCTS LIST."
2.2.1. BLOCK FILLER, LATEX: MPI #4.
2.2.2. PRIMER SEALER, LATEX: MPI #50.
2.2.3. PRIMER, ALKALY RESISTANT, WATER BASED: MPI #3.
2.2.4. PRIMER SEALER, INSTITUTIONAL LOW ODOR/VOC: MPI #149.
2.2.5. PRIMER, LATEX, FOR INTERIOR WOOD: MPI #39.
2.2.6. PRIMER SEALER, ALKYLID, INTERIOR: MPI #45.
2.2.7. PRIMER, BONDING, WATER BASED: MPI #17.
2.2.8. PRIMER, BONDING, SOLVENT BASED: MPI #69.
2.2.9. PRIMER, ALKYLID, ANTI-CORROSIIVE: MPI #79.
2.2.10. PRIMER, GALVANIZED, WATER BASED: MPI #134.
2.2.11. PRIMER, QUICK DRY, FOR ALUMINUM: MPI #95.
2.2.12. LATEX, INTERIOR, FLAT, [GLOSS LEVEL 1]: MPI #53.
2.2.13. LATEX, INTERIOR, [GLOSS LEVEL 2]: MPI #44.
2.2.14. LATEX, INTERIOR, [GLOSS LEVEL 4]: MPI #43.
2.2.15. LATEX, INTERIOR, SEMI-GLOSS, [GLOSS LEVEL 5]: MPI #54.
2.2.16. LATEX, INTERIOR, GLOSS, [GLOSS LEVEL 6, EXCEPT MINIMUM GLOSS OF 65 UNITS AT 60 DEGREES]: MPI #114.
2.2.17. LATEX, INSTITUTIONAL LOW ODOR/VOC, FLAT [GLOSS LEVEL 2]: MPI #143.
2.2.18. LATEX, INSTITUTIONAL LOW ODOR/VOC, [GLOSS LEVEL 2]: MPI #144.
2.2.19. LATEX, INSTITUTIONAL LOW ODOR/VOC, SEMI-GLOSS [GLOSS LEVEL 5]: MPI #147.
2.2.20. LATEX, HIGH-PERFORMANCE ARCHITECTURAL, [GLOSS LEVEL 2]: MPI #138.
2.2.21. LATEX, HIGH-PERFORMANCE ARCHITECTURAL, SEMI-GLOSS [GLOSS LEVEL 5]: MPI #141.
2.2.22. ALKYLID, INTERIOR, FLAT [GLOSS LEVEL 1]: MPI #49.
2.2.23. ALKYLID, INTERIOR, SEMI-GLOSS [GLOSS LEVEL 5]: MPI #47.
2.2.24. ALKYLID, INTERIOR, GLOSS [GLOSS LEVEL 6]: MPI #48.
2.2.25. ALKYLID, QUICK DRY, SEMI-GLOSS [GLOSS LEVEL 5]: MPI #81.
2.2.26. ALKYLID, QUICK DRY, GLOSS [GLOSS LEVEL 6]: MPI #96.
2.2.27. FLOOR PAINT, LATEX, LOW GLOSS [MAXIMUM GLOSS LEVEL 5]: MPI #60.
2.2.28. FLOOR PAINT, ALKYLID, GLOSS [GLOSS LEVEL 6]: MPI #61.
2.3. MATERIAL COMPATIBILITY: PROVIDE MATERIALS THAT ARE COMPATIBLE WITH ONE ANOTHER AND WITH SUBSTRATES.
2.4. FOR EACH COAT IN A PAINT SYSTEM, PROVIDE PRODUCTS RECOMMENDED IN WRITING BY MANUFACTURERS OF TOPCOAT FOR USE IN PAINT SYSTEM AND ON SUBSTRATE INDICATED.
2.5. PAINTS AND COATINGS SHALL COMPLY WITH THE FOLLOWING LIMITS FOR VOC CONTENT:
2.5.1. FLAT PAINTS AND COATINGS: 50 G/L.
2.5.2. NONFLAT PAINTS, COATINGS, AND UNDO COATS: 100 G/L.
2.5.3. PRIMERS, SEALERS, AND UNDERCOATINGS: 200 G/L.
2.5.4. ANTI-CORROSIIVE AND ANTI-RUST PAINTS APPLIED TO FERROUS METALS: 250 G/L.
2.5.5. FLOOR COATINGS: 100 G/L.
2.6. COLORS: AS SCHEDULED.
3. EXECUTION
3.1. PREPARATION
3.1.1. COMPLY WITH RECOMMENDATIONS IN MPIS "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL" APPLICABLE TO SUBSTRATES INDICATED.
3.1.2. REMOVE HARDWARE, LIGHTING FIXTURES, AND SIMILAR ITEMS THAT ARE NOT TO BE PAINTED. MASK ITEMS THAT CANNOT BE REMOVED. REINSTALL ITEMS IN EACH AREA AFTER PAINTING IS COMPLETE.
3.1.3. CLEAN AND PREPARE SURFACES IN AN AREA BEFORE BEGINNING PAINTING IN THAT AREA. SCHEDULE PAINTING SO CLEANING OPERATIONS WILL NOT DAMAGE NEWLY PAINTED SURFACES.
4. APPLICATION
4.1. COMPLY WITH RECOMMENDATIONS IN MPIS "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL" APPLICABLE TO SUBSTRATES INDICATED.
4.2. PAINT EXPOSED SURFACES, NEW AND EXISTING, UNLESS OTHERWISE INDICATED.
4.3. PAINT SURFACES BEHIND MOVABLE EQUIPMENT AND FURNITURE SAME AS SIMILAR EXPOSED SURFACES.
4.4. PAINT SURFACES BEHIND PERMANENTLY FIXED EQUIPMENT OR FURNITURE WITH PRIME COAT ONLY.
4.5. PAINT THE BACK SIDE OF ACCESS PANELS.
4.6. COLOR CODE MECHANICAL PIPING IN ACCESSIBLE CEILING SPACES.
4.7. DO NOT PAINT PREFINISHED ITEMS, ITEMS WITH AN INTEGRAL FINISH, OPERATING PARTS, AND LABELS UNLESS OTHERWISE INDICATED.
4.8. APPLY PAINTS ACCORDING TO MANUFACTURER'S WRITING INSTRUCTIONS.
4.9. USE BRUSHES ONLY WHERE THE USE OF OTHER APPLICATORS IS NOT PRACTICAL.
4.10. USE ROLLERS FOR FINISH COAT ON INTERIOR WALLS AND CEILINGS.
4.11. APPLY PAINTS TO PRODUCE SURFACE FILMS WITHOUT CLOUDING, SPOTTING, HOLIDAYS, LAPS, BRUSH MARKS, ROLLER TRACKING, RUNS, SAGS, ROPIFNESS, OR OTHER SURFACE IMPERFECTIONS. CUT IN SHARP LINES AND COLOR BREAKS.
4.12. IF UNDERCOATS OR OTHER CONDITIONS SHOW THROUGH TOPCOAT, APPLY ADDITIONAL COATS UNTIL CURED FILM HAS A UNIFORM PAINT FINISH, COLOR, AND APPEARANCE.

-- END OF SECTION 09123 --

SECTION 09200 - TOILET, BATH, AND LAUNDRY ACCESSORIES

1. GENERAL
1.1. SECTION REQUIREMENTS
1.1.1. SUBMITTALS: PRODUCT DATA.
1.1.2. PRODUCT DATA: INCLUDE PRINTOUT OF MPIS "MPI APPROVED PRODUCTS LIST" WITH PRODUCT HIGHLIGHTED.
1.1.3. SAMPLES.
1.2. MOCKUPS: FULL-COAT FINISH SAMPLE OF EACH TYPE OF COATING, COLOR, AND SUBSTRATE, APPLIED WHERE DIRECTED.
1.3. EXTRA MATERIALS: DELIVER TO OWNER [3.8 L] OF EACH COLOR AND TYPE OF FINISH-COAT PAINT USED ON PROJECT, IN CONTAINERS, PROPERLY LABELED AND SEALED.
2. PRODUCTS
2.1. PAINT
2.1.1. MANUFACTURERS: ONE OF THE FOLLOWING:
2.1.1.1. BEHR PROCESS CORPORATION.
2.1.1.2. BENJAMIN MOORE & CO.
2.1.1.3. DURON INC.
2.1.1.4. DULUX (FORMERLY ICI PAINTS): A BRAND OF AKZONOBEL.
2.1.1.5. SHERWIN-WILLIAMS COMPANY (THE).
2.2. MPI STANDARDS: PROVIDE MATERIALS THAT COMPLY WITH MPI STANDARDS INDICATED AND LISTED IN ITS "MPI APPROVED PRODUCTS LIST."
2.2.1. BLOCK FILLER, LATEX: MPI #4.
2.2.2. PRIMER SEALER, LATEX: MPI #50.
2.2.3. PRIMER, ALKALY RESISTANT, WATER BASED: MPI #3.
2.2.4. PRIMER SEALER, INSTITUTIONAL LOW ODOR/VOC: MPI #149.
2.2.5. PRIMER, LATEX, FOR INTERIOR WOOD: MPI #39.
2.2.6. PRIMER SEALER, ALKYLID, INTERIOR: MPI #45.
2.2.7. PRIMER, BONDING, WATER BASED: MPI #17.
2.2.8. PRIMER, BONDING, SOLVENT BASED: MPI #69.
2.2.9. PRIMER, ALKYLID, ANTI-CORROSIIVE: MPI #79.
2.2.10. PRIMER, GALVANIZED, WATER BASED: MPI #134.
2.2.11. PRIMER, QUICK DRY, FOR ALUMINUM: MPI #95.
2.2.12. LATEX, INTERIOR, FLAT, [GLOSS LEVEL 1]: MPI #53.
2.2.13. LATEX, INTERIOR, [GLOSS LEVEL 2]: MPI #44.
2.2.14. LATEX, INTERIOR, [GLOSS LEVEL 4]: MPI #43.
2.2.15. LATEX, INTERIOR, SEMI-GLOSS, [GLOSS LEVEL 5]: MPI #54.
2.2.16. LATEX, INTERIOR, GLOSS, [GLOSS LEVEL 6, EXCEPT MINIMUM GLOSS OF 65 UNITS AT 60 DEGREES]: MPI #114.
2.2.17. LATEX, INSTITUTIONAL LOW ODOR/VOC, FLAT [GLOSS LEVEL 2]: MPI #143.
2.2.18. LATEX, INSTITUTIONAL LOW ODOR/VOC, [GLOSS LEVEL 2]: MPI #144.
2.2.19. LATEX, INSTITUTIONAL LOW ODOR/VOC, SEMI-GLOSS [GLOSS LEVEL 5]: MPI #147.
2.2.20. LATEX, HIGH-PERFORMANCE ARCHITECTURAL, [GLOSS LEVEL 2]: MPI #138.
2.2.21. LATEX, HIGH-PERFORMANCE ARCHITECTURAL, SEMI-GLOSS [GLOSS LEVEL 5]: MPI #141.
2.2.22. ALKYLID, INTERIOR, FLAT [GLOSS LEVEL 1]: MPI #49.
2.2.23. ALKYLID, INTERIOR, SEMI-GLOSS [GLOSS LEVEL 5]: MPI #47.
2.2.24. ALKYLID, INTERIOR, GLOSS [GLOSS LEVEL 6]: MPI #48.
2.2.25. ALKYLID, QUICK DRY, SEMI-GLOSS [GLOSS LEVEL 5]: MPI #81.
2.2.26. ALKYLID, QUICK DRY, GLOSS [GLOSS LEVEL 6]: MPI #96.
2.2.27. FLOOR PAINT, LATEX, LOW GLOSS [MAXIMUM GLOSS LEVEL 5]: MPI #60.
2.2.28. FLOOR PAINT, ALKYLID, GLOSS [GLOSS LEVEL 6]: MPI #61.
2.3. MATERIAL COMPATIBILITY: PROVIDE MATERIALS THAT ARE COMPATIBLE WITH ONE ANOTHER AND WITH SUBSTRATES.
2.4. FOR EACH COAT IN A PAINT SYSTEM, PROVIDE PRODUCTS RECOMMENDED IN WRITING BY MANUFACTURERS OF TOPCOAT FOR USE IN PAINT SYSTEM AND ON SUBSTRATE INDICATED.
2.5. PAINTS AND COATINGS SHALL COMPLY WITH THE FOLLOWING LIMITS FOR VOC CONTENT:
2.5.1. FLAT PAINTS AND COATINGS: 50 G/L.
2.5.2. NONFLAT PAINTS, COATINGS, AND UNDO COATS: 100 G/L.
2.5.3. PRIMERS, SEALERS, AND UNDERCOATINGS: 200 G/L.
2.5.4. ANTI-CORROSIIVE AND ANTI-RUST PAINTS APPLIED TO FERROUS METALS: 250 G/L.
2.5.5. FLOOR COATINGS: 100 G/L.
2.6. COLORS: AS SCHEDULED.
3. EXECUTION
3.1. PREPARATION
3.1.1. COMPLY WITH RECOMMENDATIONS IN MPIS "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL" APPLICABLE TO SUBSTRATES INDICATED.
3.1.2. REMOVE HARDWARE, LIGHTING FIXTURES, AND SIMILAR ITEMS THAT ARE NOT TO BE PAINTED. MASK ITEMS THAT CANNOT BE REMOVED. REINSTALL ITEMS IN EACH AREA AFTER PAINTING IS COMPLETE.
3.1.3. CLEAN AND PREPARE SURFACES IN AN AREA BEFORE BEGINNING PAINTING IN THAT AREA. SCHEDULE PAINTING SO CLEANING OPERATIONS WILL NOT DAMAGE NEWLY PAINTED SURFACES.
4. APPLICATION
4.1. COMPLY WITH RECOMMENDATIONS IN MPIS "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL" APPLICABLE TO SUBSTRATES INDICATED.
4.2. PAINT EXPOSED SURFACES, NEW AND EXISTING, UNLESS OTHERWISE INDICATED.
4.3. PAINT SURFACES BEHIND MOVABLE EQUIPMENT AND FURNITURE SAME AS SIMILAR EXPOSED SURFACES.
4.4. PAINT SURFACES BEHIND PERMANENTLY FIXED EQUIPMENT OR FURNITURE WITH PRIME COAT ONLY.
4.5. PAINT THE BACK SIDE OF ACCESS PANELS.
4.6. COLOR CODE MECHANICAL PIPING IN ACCESSIBLE CEILING SPACES.
4.7. DO NOT PAINT PREFINISHED ITEMS, ITEMS WITH AN INTEGRAL FINISH, OPERATING PARTS, AND LABELS UNLESS OTHERWISE INDICATED.
4.8. APPLY PAINTS ACCORDING TO MANUFACTURER'S WRITING INSTRUCTIONS.
4.9. USE BRUSHES ONLY WHERE THE USE OF OTHER APPLICATORS IS NOT PRACTICAL.
4.10. USE ROLLERS FOR FINISH COAT ON INTERIOR WALLS AND CEILINGS.
4.11. APPLY PAINTS TO PRODUCE SURFACE FILMS WITHOUT CLOUDING, SPOTTING, HOLIDAYS, LAPS, BRUSH MARKS, ROLLER TRACKING, RUNS, SAGS, ROPIFNESS, OR OTHER SURFACE IMPERFECTIONS. CUT IN SHARP LINES AND COLOR BREAKS.
4.12. IF UNDERCOATS OR OTHER CONDITIONS SHOW THROUGH TOPCOAT, APPLY ADDITIONAL COATS UNTIL CURED FILM HAS A UNIFORM PAINT FINISH, COLOR, AND APPEARANCE.

-- END OF SECTION 09200 --

SECTION 09303 - CERAMIC TILE

1. GENERAL
1.1. SECTION REQUIREMENTS
1.1.1. SUBMITTALS: PRODUCT DATA AND MATERIALS SAMPLES.
1.1.2. PRODUCT DATA: INCLUDE PRINTOUT OF MPIS "MPI APPROVED PRODUCTS LIST" WITH PRODUCT HIGHLIGHTED.
1.1.3. SAMPLES.
1.2. MOCKUPS: FULL-COAT FINISH SAMPLE OF EACH TYPE OF COATING, COLOR, AND SUBSTRATE, APPLIED WHERE DIRECTED.
1.3. EXTRA MATERIALS: DELIVER TO OWNER [3.8 L] OF EACH COLOR AND TYPE OF FINISH-COAT PAINT USED ON PROJECT, IN CONTAINERS, PROPERLY LABELED AND SEALED.
2. PRODUCTS
2.1. CERAMIC TILE
2.1.1. CERAMIC TILE THAT COMPLIES WITH STANDARD GRADE REQUIREMENTS IN MPIS "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL" APPLICABLE TO SUBSTRATES INDICATED.
2.1.2. CERAMIC MOSAIC FLOOR TILE: IMPERVIOUS NATURAL CLAY OR PORCELAIN CUSHION-EDGED TILE.
2.2. PRODUCTS: REFERENCE FINISH SCHEDULES FOR SPECIFIC CERAMIC TILE MATERIALS.
2.2.1. SURFACE: SMOOTH, WITHOUT ABRASIVE ADHURE.
2.2.2. MODULE SIZE: 1 BY 2 INCHES [25.4 BY 50.8 MM].
2.3. COLOR: [AS SELECTED] <INSERT COLOR>.
2.3.1. TILES BACK- OR EDGE-MOUNTED INTO SHEETS.
2.3.2. PAYER TILE: UNGLAZED, [PORCELAIN] [IMPERVIOUS NATURAL CLAY OR PORCELAIN] [VITREOUS OR IMPERVIOUS NATURAL CLAY OR PORCELAIN] [NATURAL CLAY OR PORCELAIN] FLAT TILE.
2.3.3. PRODUCTS: REFERENCE FINISH SCHEDULES FOR SPECIFIC CERAMIC TILE MATERIALS.
2.3.4. FACIAL DIMENSIONS: REFERENCE FLOOR FINISH PLANS AND SCHEDULES FOR TILE PATTERN AND DIMENSIONS.
2.3.5. COLOR: AS SELECTED.
2.4. GLAZED WALL TILE: CUSHION-EDGED, FLAT TILE.
2.4.1. PRODUCTS: REFERENCE FINISH SCHEDULES FOR SPECIFIC CERAMIC TILE MATERIALS.
2.4.2. MODULE SIZE: REFERENCE INTERIOR ELEVATIONS AND SCHEDULES FOR TILE PATTERN AND DIMENSIONS.
2.4.3. COLOR: AS SELECTED.
2.4.4. FINISH: REFERENCE INTERIOR ELEVATIONS AND SCHEDULES FOR TILE FINISHES.
2.4.5. TILES MOUNTED BY MANUFACTURER'S STANDARD METHOD, INTO SHEETS AND GROUTED WITH SILICONE RUBBER GROUT COMPLYING WITH ANSI A118.6.
2.5. CERAMIC MOSAIC TRIM UNITS: MATCHING CHARACTERISTICS OF AND COORDINATED WITH SIZES AND COURSING OF ADJOINING FLAT TILE.
2.5.1. BASE COVE.
2.5.2. WAINSCOT CAP FOR PORTLAND CEMENT MORTAR INSTALLATIONS: BEAD [BULLNOSE].
2.5.3. WAINSCOT CAP FOR THIN-SET MORTAR INSTALLATIONS: SURFACE BULLNOSE.
2.5.4. EXTERNAL CORNERS FOR PORTLAND CEMENT MORTAR INSTALLATIONS: BEAD [BULLNOSE].
2.5.5. EXTERNAL CORNERS FOR THIN-SET MORTAR INSTALLATIONS: SURFACE BULLNOSE.
2.5.6. INTERNAL CORNERS: COVE.
2.6. GLAZED WALL TILE TRIM UNITS: MATCHING CHARACTERISTICS OF ADJOINING FLAT TILE AND COORDINATED WITH SIZES AND COURSING OF ADJOINING FLAT TILE WHERE APPLICABLE.
2.6.1. BASE FOR PORTLAND CEMENT MORTAR INSTALLATIONS: COVED, MODULE SIZE MATCHING WALL TILE.
2.6.2. BASE FOR THIN-SET MORTAR INSTALLATIONS: STRAIGHT, MODULE SIZE MATCHING WALL TILE.
2.6.3. WAINSCOT CAP FOR PORTLAND CEMENT MORTAR INSTALLATIONS: BULLNOSE CAP, MODULE SIZE MATCHING WALL TILE.
2.6.4. WAINSCOT CAP FOR THIN-SET MORTAR INSTALLATIONS: SURFACE BULLNOSE.
2.6.5. MODULE SIZE MATCHING WALL TILE.
2.6.6. EXTERNAL CORNERS FOR PORTLAND CEMENT MORTAR INSTALLATIONS: BULLNOSE SHAPE WITH RADIUS OF AT LEAST 3/4 INCH [19 MM] UNLESS OTHERWISE INDICATED.
2.6.7. EXTERNAL CORNERS FOR THIN-SET MORTAR INSTALLATIONS: SURFACE BULLNOSE.
3. STONE THRESHOLDS
3.1. GRANITE THRESHOLDS COMPLYING WITH ASTM C 615. MARBLE THRESHOLDS COMPLYING WITH ASTM C 503. NONFADING SLATE THRESHOLDS COMPLYING WITH ASTM C 629 FABRICATED TO BE NOT MORE THAN 1/2 INCH [12.7 MM] ABOVE ADJOINING FINISHED FLOOR SURFACES. WITH TRANSITION EDGES BEVELED ON A SLOPE OF NO GREATER THAN 1:2.
3.2. REFERENCE FINISH SCHEDULES FOR SPECIFIC CERAMIC TILE COLORS, SIZES, AND FINISHES.
4. INSTALLATION MATERIALS
4.1. VOC LIMIT FOR ADHESIVES AND FLUID-APPLIED WATERPROOFING MEMBRANES: 65 G/L WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
4.2. WATERPROOFING MEMBRANES FOR THIN-SET INSTALLATIONS: ANSI A118.10.
4.3. URETHANE WATERPROOFING AND ADHESIVE AND AS FOLLOWS:
4.3.1. PRODUCTS:
4.3.2. SETTING AND GROUTING MATERIALS: COMPLY WITH MATERIAL STANDARDS IN ANSIS "SPECIFICATIONS FOR THE INSTALLATION OF CERAMIC TILE" THAT APPLY TO MATERIALS AND METHODS INDICATED.
4.3.3. THIN-SET MORTAR TYPE: DRY-SET PORTLAND CEMENT.
4.3.4. GROUT TYPE: STANDARD GROUT UNLESS OTHERWISE INDICATED.
4.3.5. GROUT COLOR: REFERENCE FINISH SCHEDULES FOR SPECIFIC CERAMIC TILE COLORS.
5. EXECUTION
5.1. INSTALLATION
5.1.1. COMPLY WITH TILE INSTALLATION STANDARDS IN ANSIS "SPECIFICATIONS FOR THE INSTALLATION OF CERAMIC TILE" THAT APPLY TO MATERIALS AND METHODS INDICATED.
5.1.2. FOR INSTALLATIONS INDICATED BELOW, FOLLOW PROCEDURES IN ANSIS "SPECIFICATIONS FOR THE INSTALLATION OF CERAMIC TILE" FOR PROVIDING 95 PERCENT MORTAR COVERAGE.
5.1.2.1. EXTERIOR TILE FLOORS.
5.1.2.2. TILE FLOORS IN WET AREAS.
5.1.2.3. TILE FLOORS COMPOSED OF TILES 8 BY 8 INCHES (200 BY 200 MM) OR LARGER.
5.1.2.4. TILE FLOORS COMPOSED OF RIB-BACKED TILES.
5.2. COMPLY WITH TCA'S "HANDBOOK FOR CERAMIC TILE INSTALLATION."
5.3. FLOOR TILE INSTALLATION METHOD(S):
5.3.1. EXTERIOR PATIOS AND WALKWAYS OVER CONCRETE: TCA F101 CEMENT MORTAR BED ON CONCRETE.
5.3.2. OVER CONCRETE SUBFLOORS: TCA F113 (THIN-SET MORTAR ON CONCRETE).
5.3.3. OVER WOOD SUBFLOORS: TCA F144 (THIN-SET MORTAR BONDED TO CEMENTITIOUS BACKER UNITS ON WOOD).
5.3.4. OVER WATERPROOF MEMBRANES: TCA F122 (THIN-SET MORTAR OVER WATERPROOF MEMBRANE ON CONCRETE).
5.4. WALL TILE INSTALLATION METHOD(S):
5.4.1. EXTERIOR WALLS OVER CONCRETE OR MASONRY: TCA W202 (THIN-SET MORTAR ON CONCRETE OR MASONRY).
5.4.2. INTERIOR WALLS OVER CONCRETE AND MASONRY: TCA W211 CEMENT MORTAR BED, BONDED TO CONCRETE OR MASONRY.
5.4.3. OVER METAL STUDS: TCA W241 CEMENT MORTAR BED ON METAL STUDS. [B414 AND TCA W241 (SHOWER RECEPTOR WITH CEMENT MORTAR BED ON METAL STUDS ON WALLS)].
5.4.4. OVER CEMENTITIOUS BACKER UNITS: TCA W244 (THIN-SET MORTAR ON CEMENTITIOUS BACKER UNITS). [B412 AND TCA W244 (THIN-SET MORTAR ON CEMENTITIOUS BACKER UNITS). [B415 AND TCA W244 (THIN-SET MORTAR WITH THIN-SET MORTAR OVER GLASS TILE BACKER UNITS)].
5.4.5. OVER GLASS TILE BACKER UNITS: TCA W245 WITH THIN-SET MORTAR [THIN-SET MORTAR OVER GLASS TILE BACKER UNITS].
5.5. AT JOINTS, TILES AND JOINTS INDICATED PROVIDE CEMENTITIOUS BACKER UNITS AND JOINT JOINTS TO COMPLY WITH ANSIS A108.11.
5.6. DO NOT FALL TILE OVER WATERPROOFING UNITS, WATERPROOFING HAS CURED AND BEEN TESTED TO CONFIRM THAT IT IS WATER TIGHT.
5.7. IF TILE IS TO BE PARTIALLY GROUTED, GROUTING IS TO BE LIMITED TO STRAIGHT AND ANGLED JOINTS, UNLESS OTHERWISE INDICATED. ALIGN JOINTS WHERE ADJOINING SURFACES ON FLOOR, BASE, WALLS, AND TRIM ARE THE SAME SIZE. REFERENCE FINISH SCHEDULES FOR SPECIFIC CERAMIC TILE MATERIALS.
5.8. PERFORM CUTTING AND DRILLING OF TILE WITHOUT MARRING VISIBLE SURFACES. CAREFULLY CUT CUT EDGES OF THE ABUTTING TRIM, FINISH, OR BUILT IN ITEMS FOR STRAIGHT AND ANGLED JOINTS. FIT TILE EDGES CLOSELY TO ELECTRICAL, PIPING, FIXTURES, AND OTHER PENETRATIONS SO PLATES, COLLARS, OR COVERS OVERLAP TILE.
-- END OF SECTION 09303 --

-- END OF SECTION 09303 --

SECTION 09513 - ACOUSTICAL PANEL CEILINGS

1. GENERAL
1.1. SECTION REQUIREMENTS
1.1.1. SUBMITTALS: PRODUCT DATA AND MATERIALS SAMPLES.
1.1.2. PRODUCT DATA: INCLUDE PRINTOUT OF MPIS "MPI APPROVED PRODUCTS LIST" WITH PRODUCT HIGHLIGHTED.
1.1.3. SAMPLES.
1.2. MOCKUPS: FULL-COAT FINISH SAMPLE OF EACH TYPE OF COATING, COLOR, AND SUBSTRATE, APPLIED WHERE DIRECTED.
1.3. EXTRA MATERIALS: DELIVER TO OWNER [3.8 L] OF EACH COLOR AND TYPE OF FINISH-COAT PAINT USED ON PROJECT, IN CONTAINERS, PROPERLY LABELED AND SEALED.
2. PRODUCTS
2.1. CERAMIC TILE
2.1.1. CERAMIC TILE THAT COMPLIES WITH STANDARD GRADE REQUIREMENTS IN MPIS "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL" APPLICABLE TO SUBSTRATES INDICATED.
2.1.2. CERAMIC MOSAIC FLOOR TILE: IMPERVIOUS NATURAL CLAY OR PORCELAIN CUSHION-EDGED TILE.
2.2. PRODUCTS: REFERENCE FINISH SCHEDULES FOR SPECIFIC CERAMIC TILE MATERIALS.
2.2.1. SURFACE: SMOOTH, WITHOUT ABRASIVE ADHURE.
2.2.2. MODULE SIZE: 1 BY 2 INCHES [25.4 BY 50.8 MM].
2.3. COLOR: [AS SELECTED] <INSERT COLOR>.
2.3.1. TILES BACK- OR EDGE-MOUNTED INTO SHEETS.
2.3.2. PAYER TILE: UNGLAZED, [PORCELAIN] [IMPERVIOUS NATURAL CLAY OR PORCELAIN] [VITREOUS OR IMPERVIOUS NATURAL CLAY OR PORCELAIN] [NATURAL CLAY OR PORCELAIN] FLAT TILE.
2.3.3. PRODUCTS: REFERENCE FINISH SCHEDULES FOR SPECIFIC CERAMIC TILE MATERIALS.
2.3.4. FACIAL DIMENSIONS: REFERENCE FLOOR FINISH PLANS AND SCHEDULES FOR TILE PATTERN AND DIMENSIONS.
2.3.5. COLOR: AS SELECTED.
2.4. GLAZED WALL TILE: CUSHION-EDGED, FLAT TILE.
2.4.1. PRODUCTS: REFERENCE FINISH SCHEDULES FOR SPECIFIC CERAMIC TILE MATERIALS.
2.4.2. MODULE SIZE: REFERENCE INTERIOR ELEVATIONS AND SCHEDULES FOR TILE PATTERN AND DIMENSIONS.
2.4.3. COLOR: AS SELECTED.
2.4.4. FINISH: REFERENCE INTERIOR ELEVATIONS AND SCHEDULES FOR TILE FINISHES.
2.4.5. TILES MOUNTED BY MANUFACTURER'S STANDARD METHOD, INTO SHEETS AND GROUTED WITH SILICONE RUBBER GROUT COMPLYING WITH ANSI A118.6.
2.5. CERAMIC MOSAIC TRIM UNITS: MATCHING CHARACTERISTICS OF AND COORDINATED WITH SIZES AND COURSING OF ADJOINING FLAT TILE.
2.5.1. BASE COVE.
2.5.2. WAINSCOT CAP FOR PORTLAND CEMENT MORTAR INSTALLATIONS: BEAD [BULLNOSE].
2.5.3. WAINSCOT CAP FOR THIN-SET MORTAR INSTALLATIONS: SURFACE BULLNOSE.
2.5.4. EXTERNAL CORNERS FOR PORTLAND CEMENT MORTAR INSTALLATIONS: BEAD [BULLNOSE].
2.5.5. EXTERNAL CORNERS FOR THIN-SET MORTAR INSTALLATIONS: SURFACE BULLNOSE.
2.5.6. INTERNAL CORNERS: COVE.
2.6. GLAZED WALL TILE TRIM UNITS: MATCHING CHARACTERISTICS OF ADJOINING FLAT TILE AND COORDINATED WITH SIZES AND COURSING OF ADJOINING FLAT TILE WHERE APPLICABLE.
2.6.1. BASE FOR PORTLAND CEMENT MORTAR INSTALLATIONS: COVED, MODULE SIZE MATCHING WALL TILE.
2.6.2. BASE FOR THIN-SET MORTAR INSTALLATIONS: STRAIGHT, MODULE SIZE MATCHING WALL TILE.
2.6.3. WAINSCOT CAP FOR PORTLAND CEMENT MORTAR INSTALLATIONS: BULLNOSE CAP, MODULE SIZE MATCHING WALL TILE.
2.6.4. WAINSCOT CAP FOR THIN-SET MORTAR INSTALLATIONS: SURFACE BULLNOSE.
2.6.5. MODULE SIZE MATCHING WALL TILE.
2.6.6. EXTERNAL CORNERS FOR PORTLAND CEMENT MORTAR INSTALLATIONS: BULLNOSE SHAPE WITH RADIUS OF AT LEAST 3/4 INCH [19 MM] UNLESS OTHERWISE INDICATED.
2.6.7. EXTERNAL CORNERS FOR THIN-SET MORTAR INSTALLATIONS: SURFACE BULLNOSE.
3. STONE THRESHOLDS
3.1. GRANITE THRESHOLDS COMPLYING WITH ASTM C 615. MARBLE THRESHOLDS COMPLYING WITH ASTM C 503. NONFADING SLATE THRESHOLDS COMPLYING WITH ASTM C 629 FABRICATED TO BE NOT MORE THAN 1/2 INCH [12.7 MM] ABOVE ADJOINING FINISHED FLOOR SURFACES. WITH TRANSITION EDGES BEVELED ON A SLOPE OF NO GREATER THAN 1:2.
3.2. REFERENCE FINISH SCHEDULES FOR SPECIFIC CERAMIC TILE COLORS, SIZES, AND FINISHES.
4. INSTALLATION MATERIALS
4.1. VOC LIMIT FOR ADHESIVES AND FLUID-APPLIED WATERPROOFING MEMBRANES: 65 G/L WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
4.2. WATERPROOFING MEMBRANES FOR THIN-SET INSTALLATIONS: ANSI A118.10.
4.3. URETHANE WATERPROOFING AND ADHESIVE AND AS FOLLOWS:
4.3.1. PRODUCTS:
4.3.2. SETTING AND GROUTING MATERIALS: COMPLY WITH MATERIAL STANDARDS IN ANSIS "SPECIFICATIONS FOR THE INSTALLATION OF CERAMIC TILE" THAT APPLY TO MATERIALS AND METHODS INDICATED.
4.3.3. THIN-SET MORTAR TYPE: DRY-SET PORTLAND CEMENT.
4.3.4. GROUT TYPE: STANDARD GROUT UNLESS OTHERWISE INDICATED.
4.3.5. GROUT COLOR: REFERENCE FINISH SCHEDULES FOR SPECIFIC CERAMIC TILE COLORS.
5. EXECUTION
5.1. INSTALLATION
5.1.1. COMPLY WITH TILE INSTALLATION STANDARDS IN ANSIS "SPECIFICATIONS FOR THE INSTALLATION OF CERAMIC TILE" THAT APPLY TO MATERIALS AND METHODS INDICATED.
5.1.2. FOR INSTALLATIONS INDICATED BELOW, FOLLOW PROCEDURES IN ANSIS "SPECIFICATIONS FOR THE INSTALLATION OF CERAMIC TILE" FOR PROVIDING 95 PERCENT MORTAR COVERAGE.
5.1.2.1. EXTERIOR TILE FLOORS.
5.1.2.2. TILE FLOORS IN WET AREAS.
5.1.2.3. TILE FLOORS COMPOSED OF TILES 8 BY 8 INCHES (200 BY 200 MM) OR LARGER.
5.1.2.4. TILE FLOORS COMPOSED OF RIB-BACKED TILES.
5.2. COMPLY WITH TCA'S "HANDBOOK FOR CERAMIC TILE INSTALLATION."
5.3. FLOOR TILE INSTALLATION METHOD(S):
5.3.1. EXTERIOR PATIOS AND WALKWAYS OVER CONCRETE: TCA F101 CEMENT MORTAR BED ON CONCRETE.
5.3.2. OVER CONCRETE SUBFLOORS: TCA F113 (THIN-SET MORTAR ON CONCRETE).
5.3.3. OVER WOOD SUBFLOORS: TCA F144 (THIN-SET MORTAR BONDED TO CEMENTITIOUS BACKER UNITS ON WOOD).
5.3.4. OVER WATERPROOF MEMBRANES: TCA F122 (THIN-SET MORTAR OVER WATERPROOF MEMBRANE ON CONCRETE).
5.4. WALL TILE INSTALLATION METHOD(S):
5.4.1. EXTERIOR WALLS OVER CONCRETE OR MASONRY: TCA W202 (THIN-SET MORTAR ON CONCRETE OR MASONRY).
5.4.2. INTERIOR WALLS OVER CONCRETE AND MASONRY: TCA W211 CEMENT MORTAR BED, BONDED TO CONCRETE OR MASONRY.
5.4.3. OVER METAL STUDS: TCA W241 CEMENT MORTAR BED ON METAL STUDS. [B414 AND TCA W241 (SHOWER RECEPTOR WITH CEMENT MORTAR BED ON METAL STUDS ON WALLS)].
5.4.4. OVER CEMENTITIOUS BACKER UNITS: TCA W244 (THIN-SET MORTAR ON CEMENTITIOUS BACKER UNITS). [B412 AND TCA W244 (THIN-SET MORTAR ON CEMENTITIOUS BACKER UNITS). [B415 AND TCA W244 (THIN-SET MORTAR WITH THIN-SET MORTAR OVER GLASS TILE BACKER UNITS)].
5.4.5. OVER GLASS TILE BACKER UNITS: TCA W245 WITH THIN-SET MORTAR [THIN-SET MORTAR OVER GLASS TILE BACKER UNITS].
5.5. AT JOINTS, TILES AND JOINTS INDICATED PROVIDE CEMENTITIOUS BACKER UNITS AND JOINT JOINTS TO COMPLY WITH ANSIS A108.11.
5.6. DO NOT FALL TILE OVER WATERPROOFING UNITS, WATERPROOFING HAS CURED AND BEEN TESTED TO CONFIRM THAT IT IS WATER TIGHT.
5.7. IF TILE IS TO BE PARTIALLY GROUTED, GROUTING IS TO BE LIMITED TO STRAIGHT AND ANGLED JOINTS, UNLESS OTHERWISE INDICATED. ALIGN JOINTS WHERE ADJOINING SURFACES ON FLOOR, BASE, WALLS, AND TRIM ARE THE SAME SIZE. REFERENCE FINISH SCHEDULES FOR SPECIFIC CERAMIC TILE MATERIALS.
5.8. PERFORM CUTTING AND DRILLING OF TILE WITHOUT MARRING VISIBLE SURFACES. CAREFULLY CUT CUT EDGES OF THE ABUTTING TRIM, FINISH, OR BUILT IN ITEMS FOR STRAIGHT AND ANGLED JOINTS. FIT TILE EDGES CLOSELY TO ELECTRICAL, PIPING, FIXTURES, AND OTHER PENETRATIONS SO PLATES, COLLARS, OR COVERS OVERLAP TILE.
-- END OF SECTION 09513 --

-- END OF SECTION 09513 --

SECTION 09611 - ACOUSTICAL TILE

1. GENERAL
1.1. SECTION REQUIREMENTS
1.1.1. SUBMITTALS: PRODUCT DATA AND MATERIALS SAMPLES.
1.1.2. PRODUCT DATA: INCLUDE PRINTOUT OF MPIS "MPI APPROVED PRODUCTS LIST" WITH PRODUCT HIGHLIGHTED.
1.1.3. SAMPLES.
1.2. MOCKUPS: FULL-COAT FINISH SAMPLE OF EACH TYPE OF COATING, COLOR, AND SUBSTRATE, APPLIED WHERE DIRECTED.
1.3. EXTRA MATERIALS: DELIVER TO OWNER [3.8 L] OF EACH COLOR AND TYPE OF FINISH-COAT PAINT USED ON PROJECT, IN CONTAINERS, PROPERLY LABELED AND SEALED.
2. PRODUCTS
2.1. CERAMIC TILE
2.1.1. CERAMIC TILE THAT COMPLIES WITH STANDARD GRADE REQUIREMENTS IN MPIS "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL" APPLICABLE TO SUBSTRATES INDICATED.
2.1.2. CERAMIC MOSAIC FLOOR TILE: IMPERVIOUS NATURAL CLAY OR PORCELAIN CUSHION-EDGED TILE.
2.2. PRODUCTS: REFERENCE FINISH SCHEDULES FOR SPECIFIC CERAMIC TILE MATERIALS.
2.2.1. SURFACE: SMOOTH, WITHOUT ABRASIVE ADHURE.
2.2.2. MODULE SIZE: 1 BY 2 INCHES [25.4 BY 50.8 MM].
2.3. COLOR: [AS SELECTED] <INSERT COLOR>.
2.3.1. TILES BACK- OR EDGE-MOUNTED INTO SHEETS.
2.3.2. PAYER TILE: UNGLAZED, [PORCELAIN] [IMPERVIOUS NATURAL CLAY OR PORCELAIN] [VITREOUS OR IMPERVIOUS NATURAL CLAY OR PORCELAIN] [NATURAL CLAY OR PORCELAIN] FLAT TILE.
2.3.3. PRODUCTS: REFERENCE FINISH SCHEDULES FOR SPECIFIC CERAMIC TILE MATERIALS.
2.3.4. FACIAL DIMENSIONS: REFERENCE FLOOR FINISH PLANS AND SCHEDULES FOR TILE PATTERN AND DIMENSIONS.
2.3.5. COLOR: AS SELECTED.
2.4. GLAZED WALL TILE: CUSHION-EDGED, FLAT TILE.
2.4.1. PRODUCTS: REFERENCE FINISH SCHEDULES FOR SPECIFIC CERAMIC TILE MATERIALS.
2.4.2. MODULE SIZE: REFERENCE INTERIOR ELEVATIONS AND SCHEDULES FOR TILE PATTERN AND DIMENSIONS.
2.4.3. COLOR: AS SELECTED.
2.4.4. FINISH: REFERENCE INTERIOR ELEVATIONS AND SCHEDULES FOR TILE FINISHES.
2.4.5. TILES MOUNTED BY MANUFACTURER'S STANDARD METHOD, INTO SHEETS AND GROUTED WITH SILICONE RUBBER GROUT COMPLYING WITH ANSI A118.6.
2.5. CERAMIC MOSAIC TRIM UNITS: MATCHING CHARACTERISTICS OF AND COORDINATED WITH SIZES AND COURSING OF ADJOINING FLAT TILE.
2.5.1. BASE COVE.
2.5.2. WAINSCOT CAP FOR PORTLAND CEMENT MORTAR INSTALLATIONS: BEAD [BULLNOSE].
2.5.3. WAINSCOT CAP FOR THIN-SET MORTAR INSTALLATIONS: SURFACE BULLNOSE.
2.5.4. EXTERNAL CORNERS FOR PORTLAND CEMENT MORTAR INSTALLATIONS: BEAD [BULLNOSE].
2.5.5. EXTERNAL CORNERS FOR THIN-SET MORTAR INSTALLATIONS: SURFACE BULLNOSE.
2.5.6. INTERNAL CORNERS: COVE.
2.6. GLAZED WALL TILE TRIM UNITS: MATCHING CHARACTERISTICS OF ADJOINING FLAT TILE AND COORDINATED WITH SIZES AND COURSING OF ADJOINING FLAT TILE WHERE APPLICABLE.
2.6.1. BASE FOR PORTLAND CEMENT MORTAR INSTALLATIONS: COVED, MODULE SIZE MATCHING WALL TILE.
2.6.2. BASE FOR THIN-SET MORTAR INSTALLATIONS: STRAIGHT, MODULE SIZE MATCHING WALL TILE.
2.6.3. WAINSCOT CAP FOR PORTLAND CEMENT MORTAR INSTALLATIONS: BULLNOSE CAP, MODULE SIZE MATCHING WALL TILE.
2.6.4. WAINSCOT CAP FOR THIN-SET MORTAR INSTALLATIONS: SURFACE BULLNOSE.
2.6.5. MODULE SIZE MATCHING WALL TILE.
2.6.6. EXTERNAL CORNERS FOR PORTLAND CEMENT MORTAR INSTALLATIONS: BULLNOSE SHAPE WITH RADIUS OF AT LEAST 3/4 INCH [19 MM] UNLESS OTHERWISE INDICATED.
2.6.7. EXTERNAL CORNERS FOR THIN-SET MORTAR INSTALLATIONS: SURFACE BULLNOSE.
3. STONE THRESHOLDS
3.1. GRANITE THRESHOLDS COMPLYING WITH ASTM C 615. MARBLE THRESHOLDS COMPLYING WITH ASTM C 503. NONFADING SLATE THRESHOLDS COMPLYING WITH ASTM C 629 FABRICATED TO BE NOT MORE THAN 1/2 INCH [12.7 MM] ABOVE ADJOINING FINISHED FLOOR SURFACES. WITH TRANSITION EDGES BEVELED ON A SLOPE OF NO GREATER THAN 1:2.
3.2. REFERENCE FINISH SCHEDULES FOR SPECIFIC CERAMIC TILE COLORS, SIZES, AND FINISHES.
4. INSTALLATION MATERIALS
4.1. VOC LIMIT FOR ADHESIVES AND FLUID-APPLIED WATERPROOFING MEMBRANES: 65 G/L WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
4.2. WATERPROOFING MEMBRANES FOR THIN-SET INSTALLATIONS: ANSI A118.10.
4.3. URETHANE WATERPROOFING AND ADHESIVE AND AS FOLLOWS:
4.3.1. PRODUCTS:
4.3.2. SETTING AND GROUTING MATERIALS: COMPLY WITH MATERIAL STANDARDS IN ANSIS "SPECIFICATIONS FOR THE INSTALLATION OF CERAMIC TILE" THAT APPLY TO MATERIALS AND METHODS INDICATED.
4.3.3. THIN-SET MORTAR TYPE: DRY-SET PORTLAND CEMENT.
4.3.4. GROUT TYPE: STANDARD GROUT UNLESS OTHERWISE INDICATED.
4.3.5. GROUT COLOR: REFERENCE FINISH SCHEDULES FOR SPECIFIC CERAMIC TILE COLORS.
5. EXECUTION
5.1. INSTALLATION
5.1.1. COMPLY WITH TILE INSTALLATION STANDARDS IN ANSIS "SPECIFICATIONS FOR THE INSTALLATION OF CERAMIC TILE" THAT APPLY TO MATERIALS AND METHODS INDICATED.
5.1.2. FOR INSTALLATIONS INDICATED BELOW, FOLLOW PROCEDURES IN ANSIS "SPECIFICATIONS FOR THE INSTALLATION OF CERAMIC TILE" FOR PROVIDING 95 PERCENT MORTAR COVERAGE.
5.1.2.1. EXTERIOR TILE FLOORS.
5.1.2.2. TILE FLOORS IN WET AREAS.
5.1.2.3. TILE FLOORS COMPOSED OF TILES 8 BY 8 INCHES (200 BY 200 MM) OR LARGER.
5.1.2.4. TILE FLOORS COMPOSED OF RIB-BACKED TILES.
5.2. COMPLY WITH TCA'S "HANDBOOK FOR CERAMIC TILE INSTALLATION."
5.3. FLOOR TILE INSTALLATION METHOD(S):
5.3.1. EXTERIOR PATIOS AND WALKWAYS OVER CONCRETE: TCA F101 CEMENT MORTAR BED ON CONCRETE.
5.3.2. OVER CONCRETE SUBFLOORS: TCA F113 (THIN-SET MORTAR ON CONCRETE).
5.3.3. OVER WOOD SUBFLOORS: TCA F144