

SECTION 03 54 20 - SELF-LEVELING INTERIOR TOPPING SYSTEM

PART 1 - GENERAL

- 1.1 SUMMARY
- A. THIS SECTION INCLUDES CEMENT-BASED, POLYMER-MODIFIED, SELF-LEVELING UNDERLAYMENT FOR INTERIOR FINISH FLOORING.
- 1.2 QUALITY ASSURANCE
- A. VERIFY COMPATIBILITY OF CEMENT-BASED UNDERLAYMENT INCLUDING SURFACE SEALERS, IF ANY, WITH INDICATED FINISH FLOORING PRODUCTS, INCLUDING ADHESIVES.
- B. INSTALLER QUALIFICATIONS: MINIMUM OF 5 YEARS OF EXPERIENCE IN THE SUCCESSFUL APPLICATION OF ABRASION RESISTANT CONCRETE TOPPING PRODUCTS. PLEASE CONTACT LOCAL ARDEX OR MAPEI REPRESENTATIVE FOR LIST OF REQUIRED INSTALLERS
- C. COMPLIANCE: COMPLY WITH MANUFACTURER'S MOST RECENTLY PUBLISHED PRODUCT TECHNICAL BULLETINS INCLUDING, INSTALLATION INSTRUCTIONS, JOBSITE CHECKLIST, SUBSTRATE TESTING, FIELD FLOW TEST KIT TO VERIFY MIXED MATERIAL, SURFACE PREPARATION AND CLEANING, AND POST INSTALLATION INSPECTION OR TESTING.
- D. CONTRACTOR TO SUBMIT PROOF OF FLOORING MATERIAL PURCHASE TO OWNER REPRESENTATIVE.
- 1.3 DELIVERY, STORAGE AND HANDLING
- A. DELIVERY:- DELIVER AND STORE PACKAGED MATERIALS IN ORIGINAL CONTAINERS WITH SEALS UNBROKEN AND LABELS INTACT UNTIL TIME OF USE. DELIVER AND STORE MATERIALS ON SITE AT LEAST 24 HOURS BEFORE WORK BEGINS.
- B. STORAGE AND PROTECTION:- PREVENT DAMAGE OR CONTAMINATION OF MATERIALS BY WATER, FREEZING, FOREIGN MATTER OR OTHER CAUSES, PROVIDE HEATED AND DRY STORAGE FACILITIES ON SITE.
- C. ORDERING:- COMPLY WITH MANUFACTURER'S ORDERING INSTRUCTIONS AND LEAD-TIME REQUIREMENTS TO AVOID CONSTRUCTION DELAYS.
- 1.4 PROJECT CONDITIONS
- A. ENVIRONMENTAL REQUIREMENTS: MAINTAIN ENVIRONMENTAL CONDITIONS AND PROTECT WORK DURING AND AFTER INSTALLATION TO COMPLY WITH MANUFACTURERS PRINTED RECOMMENDATIONS. MAINTAIN SURFACE AND AMBIENT TEMPERATURES AT NOT LESS THAN 50 DEGREES F (10 DEGREES C) DURING INSTALLATION AND FOR 7 DAYS AFTER COMPLETION. MAXIMUM SURFACE AND AMBIENT TEMPERATURES DURING APPLICATION ARE 85 DEGREES F (30 DEGREES C). APPLICATIONS MADE DURING TEMPERATURES GREATER THAN 85 DEGREES F SHOULD FOLLOW HOT WEATHER APPLICATION GUIDELINES, AS PER ACI (AMERICAN CONCRETE INSTITUTE).

PART 2 - PRODUCTS

- 1.1 SELF-LEVELING INTERIOR TOPPING SYSTEM
- A. PRODUCTS:- INTERIOR TOPPING SYSTEM:- PARABLE CEMENTITIOUS, HIGH-STRENGTH, FAST-SETTING, NON-SHRINK, SELF-LEVELING INTERIOR TOPPING SYSTEM INCLUDING MOISTURE CONTROL SYSTEM, SUBSTRATE PREPARATION AND CEMENTITIOUS TOPPING.
1. MOISTURE CONTROL SYSTEM:- ARDEX MOISTURE CONTROL SYSTEM
2. SUBSTRATE PREPARATION EPOXY:- ARDEX EP 2000 OR MAPEI PLANIBOND EBA
3. CEMENTITIOUS TOPPING:- ARDEX SOLT OR MAPEI ULTRATOP
- A. AGGREGATES: WASHED MASON MORTAR OR PLASTER:- CLEAN NON-DETERIORUS AGGREGATES OF 1/8" OR LARGER AS RECOMMENDED BY ARDEX OR MAPEI AND AS REQUIRED FOR INTERIOR TOPPING OF 2" OR GREATER THICKNESS.
- B. WATER:- CLEAN AND FREE FROM IMPURITIES AND SUBSTANCES DELETERIOUS TO INTERIOR TOPPING.
- C. COMPRESSIVE STRENGTH:- MINIMUM OF 6000PSI AT 28 DAYS, ASTM C89
- D. TAPER:- SYSTEM TO BE CAPABLE OF BEING TAPERED TO MATCH EXISTING ELEVATIONS
1. CONTACT ARDEX MANUFACTURE OR MAPEI MANUFACTURE FOR LOCAL INSTALLERS
2. COLOR:- ARDEX STANDARD GRAY OR MAPEI NATURAL GRAY WITH NO COLOR ADDITIVES
3. PROVIDE PROTECTION COATING:- ON-2000 CLEARSEAL CONTACT FLORIC POLYTECH FOR A LOCAL VENDOR
4. METAL LATH:- RECOMMENDED IN WRITING BY MANUFACTURER FOR SUBSTRATE, THICKNESS AND CONDITIONS INDICATED.

PART 3 - PREPARATION.

- 3.1 INSPECT SUBFLOOR FOR STRUCTURALLY SOUND CONDITION REQUIRED FOR TYPE OF TYPE OF INTERIOR TOPPING AND CONDITIONS UNDER WHICH WORK WILL BE PERFORMED.
- A. START OF WORK INDICATES ACCEPTANCE OF CONDITIONS.
- B. PREPARE SLABS ON GRADE TO PRODUCE SOUND, DRY SURFACE AS REQUIRED FOR PROPER BONDING OF INTERIOR TOPPING IN ACCORDANCE WITH ARDEX OR MAPEI'S RECOMMENDATIONS.
- C. ENSURE AREA TO BE POURED IS CLEAN AND FREE OF MUD, OIL, GREASE OR OTHER CONTAMINANTS.
- D. BEAD BLAST SUBSTRATES BEFORE PRIMING:- COMPLY WITH ARDEX OR MAPEI'S RECOMMENDATIONS FOR BEAD BLAST OPERATIONS: ACID ETCHING, SWEEPING COMPOUNDS, AND SOLVENTS ARE NOT ACCEPTABLE.
- E. TEST SUBSTRATE AFTER BEAD BLAST:- SUBSTRATES SHALL BE INSPECTED AND CORRECTED FOR MOISTURE OR ANY OTHER CONDITIONS THAT COULD AFFECTED PERFORMANCE OF TOPPING OR FINISHED SEALER. ARDEX AND MAPEI RECOMMEND THE USE OF A MOISTURE CONTROL SYSTEM OVER EXISTING CONCRETE WHERE THE LEVEL OF MOISTURE EMISSIONS FROM THE SLAB EXCEEDS THE MAXIMUM PERMITTED BY THE MANUFACTURE OF THE FINISHED COATING OR SEALER (FLORIC POLYTECH) AS TESTED IN ACCORDANCE WITH CALCIUM CHLORIDE METHOD (ASTM F1869) OR RELATIVE HUMIDITY METHOD (ASTM F2170). SUBMIT CALCIUM CHLORIDE TEST RESULTS TO ATHLETA CONSTRUCTION PROJECT MANAGER AND MANUFACTURER. IF MOISTURE PROBLEM EXIST, ARDEX RECOMMENDS THE USE OF ARDEX MC MOISTURE CONTROL SYSTEM WHILE MAPEI RECOMMENDS THE USE OF PLANISEAL EMB OR PLANISEAL VS TECHNICAL BULLETINS.
- F. RE:- ARDEX FOR CLEAR EPOXY COATING SYSTEMS:- IF CALCIUM CHLORIDE TEST RESULTS ARE:-
1. 0 LBS PER 1000 SF TO 10 LBS PER 1000 SF IN 24 HOURS, PROCEED WITH EXECUTION.
2. 10 LBS PER 1000 SF TO 20 LBS PER 1000 SF IN 24 HOURS, PROCEED WITH SURFACE PREPARATION AND INSTALL ARDEX MC MOISTURE CONTROL SYSTEM OVER EXISTING CONCRETE AND BEFORE APPLICATION ARDEX SO-T AND CLEAR EPOXY COATING.
3. 20 LBS OR OVER, CONTACT MANUFACTURE, ARCHITECT, AND CONSTRUCTION PROJECT MANAGER TO INVESTIGATE AND ADDRESS SOURCE OF MOISTURE.
- A. RE:- MAPEI FOR CLEAR EPOXY COATIG SYSTEMS:- IF CALCIUM CHLORIDE TEST RESULTS ARE:-
1. 0 LBS PER 1000 SF TO 3 LBS PER 1000 SF IN 24 HOURS, PROCEED WITH EXECUTION.
2. 5 LBS PER 1000 SF TO 20 LBS PER 10000 SF IN 24 HOURS, PROCEED WITH SURFACE PREPARATION AND INSTALL MAPEI PLANISEAL EMB 1 OVER EXISTINGCONCRETE AND BEFORE APPLICATION OF ULTRATOP AND CLEAR EPOXY COATINGS.
3. 20 LBS PER 1000SF TO 25 LBS, PROCEED WITH SURFACE PREPARATION AND INSTALL MAPEI PLANISEAL VS OR CONTACT MANUFACTURER, ARCHITECT, AND CONSTRUCTION PROJECT MANAGER TO INVESTIGATE AND ADDRESS THE SOURCE OF MOISTURE.

PART 4 - PREPARE CRACKS AND MOVING JOINTS IN ACCORDANCE WITH ARDEX OR MAPEI AND FLORIC POLYTECH SYSTEM RECOMMENDATIONS. HONOR ALL MOVING JOINTS.

PART 5 - TOPPING INSTALLATIONS:

- A. APPLY FINE SAND OF LESS THAT 1/32" GRAIN SIZE OVER ENTIRE AREA WHILE PRIMER IS FRESH- REMOVE LOOSE SAND BY BROOM AND VACUUM IN ACCORDANCE WITH ARDEX OR MAPEI'S PUBLISHED INSTRUCTIONS.
- B. MIX INTERIOR TOPPING IN ACCORDANCE WITH ARDEX'S MAPEI'S RECOMMENDATIONS FOR TYPE OF PLACEMENT OPERATIONS EMPLOYED: DO NOT EXCEED AMOUNTS OF WATER DETERMINE BY ARDEX OR MAPEI.
- C. KEEP MIXING AND PLACEMENT EQUIPMENT CLEAN AND FREE OF HARDENED LUMPS OF CEMENTITIOUS MATERIALS.
- D. PROVIDE ADEQUATE EQUIPMENT AND PERSONAL TO ENSURE UNIFORM, CONTINUOUS FLOW OF INTERIOR TOPPING AT POINT OF DELIVERY WITHOUT SEGREGATION AND LOSS OF MATERIAL.
- E. SCHEDULE APPLICATION AS LATE AS POSSIBLE DURING CONSTRUCTION TO AVOID DAMAGE BY OTHER TRADES, COORDINATE INSTALLATION WITH CONSTRUCTION PROJECT MANAGER.
- F. INSTALL INTERIOR TOPPING IN ONE LAYER AT MINIMUM THICKNESS RECOMMENDED BY ARDEX OR MAPEI, UNLESS THICKNESS IS INDICATED ON DRAWINGS.
- G. DO NOT INTERRUPT PLACEMENT OF INTERIOR TOPPING UNTIL ENTIRE SECTION IS COMPLETED- ENSURE NO SLURRY IS PLACED AGAINST TOPPING THAT HAS OBTAINED INITIAL SET, EXCEPT AT AUTHORIZED JOINTS.
- H. IMMEDIATELY AFTER PLACEMENT, SMOOTH AND LEVEL TO REQUIRES THICKNESS AND FINISH TO A SMOOTH, EVEN PLANE, WITH NO ABRUPT CHANGES THAT COULD CREATE A TRIP HAZARD.
- I. CLEAN SPATTER FROM SUPPORTING STRUCTURE AND WALLS BEFORE SPATTER SETS.
- J. PROVIDE ADEQUATE VENTILATION AND HEAT, IF NECESSARY, AFTER PLACEMENT OF INTERIOR TOPPING TO ENSURE COMPLETE DRYING OF INTERIOR TOPPING.

PART 6 - WEAR PROTECTION COATING:

- A. BEAD BLAST TOPPING BEFORE APPLICATION OF WEAR PROTECTION COATING ON 2000 CLEARSEAL:- COMPLY WITH FOLLOWING REQUIREMENTS AND WITH FLORIC POLYTECH RECOMMENDATIONS FOR BEAD BLAST OPERATIONS.
- B. PREPARATION:- SWEEP CLEAN PRIOR TO BLASTING- VERIFY FLOOR IS DRY, FREE OF CONTAMINANTS, AND TOPPING IS CURED.
- C. MACHINE:- IN ORDER TO MAINTAIN CONSISTENT APPEARANCE BLAST TOPPING WITH 36" MACHINE (OR LARGEST MACHINE POSSIBLE TO MINIMIZE STRIPING PATTERN ON SURFACE OF TOPPING- CONFIRM SIZE WITH CONSTRUCTION PROJECT MANAGER BEFORE STARTING WORK) WITH MACHINE SPEED OF 40 TO 60 FEET PER MINUTE USING S170 OR S230 SHOT SIZE WITH LIGHT, BRUSH - BLAST METHOD TO CREATE UNIFORM APPEARANCE.
- D. PROCESS:- RUN MACHINE PARALLEL TO STOREFRONT ENTRY, IN STRAIGHT EVEN LINES USING CONSISTENT LIGHT ABRASION FREE OF STREAKS AND LINES BY SHOT BLASTING PROCESS- MINIMIZE OVERLAP MARKINGS.
1. SHOT BLASTING SHALL NOT TAKE PLACE DURING MACHINE TURNS.
- C. TOPPING SURFACE AFTER BLASTING:- LIGHT PROFILE WITH ABRADED ROUGHNESS CSP (CONCRETE SURFACE PROFILE) PROFILE 2 OF MEDIUM GRIT SANDPAPER.
1. IMMEDIATELY AFTER BLASTING AND REMOVAL OF EQUIPMENT SWEEP BEAD BLAST FLOOR MAGNETICALLY TO REMOVE STEEL SHOT AND FILINGS.
2. SWEEP BEAD BLASTED FLOOR WITH FINE BRISTLED PUSH BROOM AND THEN VACUUM ENTIRE FLOOR TO REMOVE DUST AND DEBRIS.
- F. TRAFFIC:- DO NOT PERMIT TRAFFIC ON TOPPING BETWEEN BEAD BLASTING AND APPLICATION OF WEAR PROTECTION COATING.

PART 7 - APPLY WEAR PROTECTION COATING IN ACCORDANCE WITH ARDEX'S OR MAPEI'S PUBLISHED RECOMMENDATIONSAND

RECOMMENDATIONS AND APPLICATION INSTRUCTIONS OF FLORIC POLYTECH FOR UNIFORM APPEARANCE AND PROTECTIVE COATING OVER TOPPING.

- A. FINISH:- SMOOTH, NON-TEXTURED, NON-GLOSS, NON-SLIP SURFACE WITH NO PATTERN MATCHING- APPROVED SAMPLES.
1. NONSLIP SURFACE:- COMPLY WITH REQUIREMENTS OF AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINE (ADAAG) FOR NONSLIP SURFACES.

PART 8 - FIELD QUALITY CONTROL:-

- A. TESTING:- PERFORM COMPRESSIVE STRENGTH TEST FOR EACH TESTS SEPARATELY IDENTIFIABLE AREA WHERE INTERIOR TOPPING IS INSTALLED
- B. COMPRESSIVE STRENGTH:- TESTING IN ACCORDANCE WITH ASTM C109 TESTING PROCEDURES, USING 2" BY 2" CURE MOLDS.
- C. EACH SET OF TEST SPECIMENS SHALL BE RECORDED AND IDENTIFIED TO AREA OF INTERIOR TOPPING BEING PLACED.

PART 9 - PROTECTION:

- A. PROTECT OR REPLACE MATERIALS STAINED AND MATERIALS DAMAGED BY TOPPING SYSTEM INSTALLATION.
- B. PROTECT SELF-LEVELING INTERIOR TOPPING SYSTEM UNTIL FULLY CURED AND PROTECT FROM STAINS AND FROM DAMAGE BY CONSTRUCTION OPERATIONS.
- C. REPAIR OR REPLACE SELF-LEVELING INTERIOR TOPPING SYSTEM STAINED OR OTHERWISE DAMAGED BY CONSTRUCTION OPERATIONS.

PART 10 - WARRANTY

- A. SPECIAL WARRANTY:- INSTALLER TO PROVIDE WARRANTY AS INSTALLED IN ACCORDANCE WITH MANUFACTURERS SPECIFIED MATERIALS, AND CRACKING EXCEPT WHERE CRACKING IS THE RESULT OF STRUCTURAL CRACKS
- B. SPECIAL WARRANTY PERIOD:- TWO YEARS

END OF SECTION 03 54 20

SECTION 06 20 00 - FINISH CARPENTRY

PART 1 - GENERAL

- 1.1 RELATED DOCUMENTS
- A. DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND DIVISION 1 SPECIFICATION SECTIONS, APPLY TO THIS SECTION.
- 1.2 SUMMARY
- A. THIS SECTION INCLUDES THE FOLLOWING:-
1. INTERIOR STANDING AND RUNNING TRIM FOR FIELD-PAINTED FINISH.
2. INTERIOR PORTAL TRIM FOR FIELD-PAINTED FINISH.
3. INSTALLATION OF PREFINISHED INTERIOR STANDING AND RUNNING TRIM.
4. INTERIOR CASED OPENINGS.
5. APPLIED TRIM ON INTERIOR FLUSH WOOD DOORS.
6. PANELING AND WAINSCOTS.
7. BLIND DOOR (CUSTOM BUILT ON-SITE)
- B. RELATED SECTIONS INCLUDE THE FOLLOWING:-
1. DIVISION 6 SECTION "INTERIOR ARCHITECTURAL WOODWORK 06 40 00" FOR SHOP-FABRICATED INTERIOR WOODWORK.
2. DIVISION 6 SECTION "WOOD TRIM 06 46 00" FOR EXTERIOR WOOD TRIM.
3. DIVISION 9 SECTION "PAINTING 09 91 23" FOR PRIMING AND BACK PRIMING OF FINISH CARPENTRY.
- 1.3 DEFINITIONS
- A. INSPECTION AGENCIES, AND THE ABBREVIATIONS USED TO REFERENCE THEM, INCLUDE THE FOLLOWING:-
1. NELMA - NORTHEASTERN LUMBER MANUFACTURERS ASSOCIATION.
2. NHLA - NATIONAL HARDWOOD LUMBER ASSOCIATION.
3. NLGA - NATIONAL LUMBER GRADES AUTHORITY.
4. SOMA - SOUTHERN CYPRESS MANUFACTURERS ASSOCIATION.
5. WOLB - WEST COAST LUMBER INSPECTION BUREAU.
6. WMPA - WESTERN WOOD PRODUCTS ASSOCIATION.

- 1.4 SUBMITTALS TO OWNER'S REPRESENTATIVE
- A. PRODUCT DATA:- FOR EACH TYPE OF PROCESS AND FACTORY-FABRICATED PRODUCT, INCLUDE CONSTRUCTION DETAILS, MATERIAL DESCRIPTIONS, DIMENSIONS OF INDIVIDUAL COMPONENTS AND PROFILES, TEXTURES, AND COLORS.
1. INCLUDE DATA FOR FIRE-RETARDANT TREATMENT FROM CHEMICAL TREATMENT MANUFACTURER AND CERTIFICATION BY TREATING PLANT THAT TREATED MATERIALS COMPLY WITH REQUIREMENTS.
2. FOR PRODUCTS RECEIVING A WATERBORNE TREATMENT, INCLUDE STATEMENT THAT MOISTURE CONTENT OF TREATED MATERIALS WAS REDUCED TO LEVELS SPECIFIED BEFORE SHIPMENT TO PROJECT SITE.
- B. SAMPLES FOR VERIFICATION:-
1. FOR EACH SPECIES AND CUT OF LUMBER AND PANEL PRODUCTS WITH NON-FACTORY-APPLIED FINISH, WITH 1/2 OF EXPOSED SURFACE FINISHED, 50 SQ. IN. (300 SQ. CM) FOR LUMBER AND 8 BY 10 INCHES (203 BY 250 MM) FOR PANELS.
2. FOR EACH FINISH SYSTEM AND COLOR OF LUMBER AND PANEL PRODUCTS WITH FACTORY-APPLIED FINISH, 50 SQ. IN. (300 SQ. CM) FOR LUMBER AND 8 BY 10 INCHES (203 BY 250 MM) FOR PANELS.
- C. RESEARCH/EVALUATION REPORTS:- SHOWING THAT FIRE-RETARDANT-TREATED WOOD COMPLIES WITH BUILDING CODE IN EFFECT FOR PROJECT.

- 1.5 QUALITY ASSURANCE
- A. INSTALLER QUALIFICATIONS:- A QUALIFIED INSTALLER.

- 1.6 DELIVERY, STORAGE, AND HANDLING
- A. PROTECT MATERIALS AGAINST WEATHER AND CONTACT WITH DAMP OR WET SURFACES. STACK LUMBER, PLYWOOD, AND OTHER PANELS. PROVIDE FOR AIR CIRCULATION WITHIN AND AROUND STACKS AND UNDER TEMPORARY COVERINGS.
- B. DELIVER INTERIOR FINISH CARPENTRY ONLY WHEN ENVIRONMENTAL CONDITIONS MEET REQUIREMENTS SPECIFIED FOR INSTALLATION AREAS. IF FINISH CARPENTRY MUST BE STORED IN OTHER THAN INSTALLATION AREAS, STORE ONLY WHERE ENVIRONMENTAL CONDITIONS MEET REQUIREMENTS SPECIFIED FOR INSTALLATION AREAS.

- 1.7 PROJECT CONDITIONS
- A. ENVIRONMENTAL LIMITATIONS:- DO NOT DELIVER OR INSTALL INTERIOR FINISH CARPENTRY UNTIL BUILDING IS ENCLOSED AND WEATHERPROOF, WET WORK IN SPACE IS COMPLETED AND NOMINALLY DRY, AND HVAC SYSTEM IS OPERATING AND MAINTAINING TEMPERATURE AND RELATIVE HUMIDITY AT OCCUPANCY LEVELS DURING THE REMAINDER OF THE CONSTRUCTION PERIOD.

PART 2 - PRODUCTS

- 2.1 MATERIALS, GENERAL
1. BEADBOARD (FACTORY)
2. WAINSCOTT (MASONITE)
3. MARINE GRADE PLYWOOD
4. MEDIUM DENSITY FIBER BOARD (MDF)
5. BIRCH-FINISH GRADE PLYWOOD (STAIN QUALITY)
6. ENVIRONMENTAL PRODUCTS
- A. STRAWBOARD
- B. WHEATBOARD
7. MEDIUM DENSITY OVERLAY (MOO)
8. 5-PLY INTERIOR GRADE PLYWOOD
9. 5-PLY INTERIOR GRADE PLYWOOD (FRT)
10. COX (NOT USED SITE EXPOSED)

- 2.2 INTERIOR STANDING AND RUNNING TRIM, WINDOWS AND CASED OPENINGS
- A. LUMBER TRIM FOR OPAQUE FINISH (PAINTED):- FINISHED LUMBER (S4S), EITHER FINGER-JOINTED OR SOLID LUMBER, OF ONE OF THE FOLLOWING SPECIES AND GRADES:-
1. GRADE A FINISH ALDER, ASPEN, BASSWOOD, COTTONWOOD, SOFT MAPLE, SYCAMORE, TUPELO, OR POPLAR- NHLA.
- B. LUMBER TRIM FOR TRANSPARENT FINISH- SEE DIVISION 9 SECTION "WOOD FLOORING 09 64 00."
- C. MOLDS:- MADE TO PATTERNS INCLUDED IN WMPA WM 7, OR TO PATTERNS INDICATED BY MANUFACTURER'S DESIGNATIONS. WOOD MOLDS:- MADE FROM KILN-DRIED STOCK AND GRADED UNDER WMPA WM 4.
1. MOLDS:- MADE FROM KILN-DRIED STOCK AND GRADED UNDER WMPA WM 4.
2. PATTERNS:- AS INDICATED IN DRAWINGS.

- 2.3 MISCELLANEOUS MATERIALS
- A. FASTENERS FOR INTERIOR FINISH CARPENTRY:- NAILS, SCREWS, AND OTHER ANCHORING DEVICES OF TYPE, SIZE, MATERIAL, AND FINISH REQUIRED FOR APPLICATION INDICATED TO PROVIDE SECURE ATTACHMENT, CONCEALED WHERE POSSIBLE.
1. WHERE FINISH CARPENTRY MATERIALS ARE EXPOSED IN AREAS OF HIGH HUMIDITY, PROVIDE FASTENERS AND ANCHORAGES WITH HOT-DIP GALVANIZED COATING COMPLYING WITH ASTM A 153/A 153M.
- B. GLUE:- ALIPHATIC- OR PHENOLIC-RESIN WOOD GLUE RECOMMENDED BY MANUFACTURER FOR GENERAL CARPENTRY USE.

- 2.4 FABRICATION
- A. WOOD MOISTURE CONTENT:- COMPLY WITH REQUIREMENTS OF SPECIFIED INSPECTION AGENCIES AND WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS FOR MOISTURE CONTENT OF FINISH CARPENTRY AT RELATIVE HUMIDITY CONDITIONS EXISTING DURING TIME OF FABRICATION AND IN INSTALLATION AREAS.
- B. BACK CUT OR KERF BACKS OF THE FOLLOWING MEMBERS, EXCEPT MEMBERS WITH ENDS EXPOSED IN FINISHED WORK:-
1. INTERIOR STANDING AND RUNNING TRIM, EXCEPT SHOE AND CROWN MOLDS.
2. WOOD BOARD PANELING.
- C. EASE EDGES OF LUMBER LESS THAN 1 INCH (25 MM) IN NOMINAL THICKNESS TO 1/16-INCH (1.5-MM) RADIUS AND EDGES OF LUMBER 1 INCH (25 MM) OR MORE IN NOMINAL THICKNESS TO 1/8-INCH (3-MM) RADIUS.
- D. BACKPRIME ALL PIECES OF STANDING AND RUNNING TRIM, WINDOW FRAMES, AND CASED OPENINGS SCHEDULED FOR OPAQUE FINISH. SEE DIVISION 9 SECTION "PAINTING 09 91 23."

PART 3 - EXECUTION

- 3.1 EXAMINATION
- A. EXAMINE SUBSTRATES, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES AND OTHER CONDITIONS AFFECTING PERFORMANCE. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.

- 3.2 PREPARATION
- A. CLEAN SUBSTRATES OF PROJECTIONS AND SUBSTANCES DETRIMENTAL TO APPLICATION.
- B. BEFORE INSTALLING FINISH CARPENTRY, CONDITION MATERIALS TO AVERAGE PREVAILING HUMIDITY IN INSTALLATION AREAS FOR A MINIMUM OF 24 HOURS, UNLESS LONGER CONDITIONING IS RECOMMENDED BY MANUFACTURER.

- 3.3 INSTALLATION, GENERAL
- A. DO NOT USE MATERIALS THAT ARE UNSOUND, WARPED, IMPROPERLY TREATED OR FINISHED, INADEQUATELY SEASONED, OR TOO SMALL TO FABRICATE WITH PROPER JOINTING ARRANGEMENTS.
1. DO NOT USE MANUFACTURED UNITS WITH DEFECTIVE SURFACES, SIZES, OR PATTERNS.
- B. INSTALL FINISH CARPENTRY LEVEL, PLUMB, TRUE, AND ALIGNED WITH ADJACENT MATERIALS. USE CONCEALED SHIMS WHERE NECESSARY FOR ALIGNMENT.
1. SCORE AND CUT FINISH CARPENTRY TO FIT ADJOINING WORK. REFINISH AND SEAL CUTS AS RECOMMENDED BY MANUFACTURER.
2. COUNTERSINK FASTENERS, FILL SURFACE FLUSH AND SAND AND FINISH TO MATCH ADJACENT MATERIAL WHERE FACE FASTENING IS UNAVOIDABLE.
3. INSTALL TO TOLERANCE OF 1/8 INCH IN 96 INCHES (3 MM IN 2438 MM) FOR LEVEL AND PLUMB. INSTALL ADJOINING FINISH CARPENTRY

- WITH 1/32-INCH (0.8-MM) MAXIMUM OFFSET FOR FLUSH INSTALLATION AND 1/16-INCH (1.5-MM) MAXIMUM OFFSET FOR REVEAL INSTALLATION.
4. COORDINATE FINISH CARPENTRY WITH MATERIALS AND SYSTEMS IN OR ADJACENT TO IT. PROVIDE CUTOUTS FOR MECHANICAL AND ELECTRICAL ITEMS THAT PENETRATE FINISH CARPENTRY.

- 3.4 STANDING AND RUNNING TRIM INSTALLATION
- A. INSTALL WITH MINIMUM NUMBER OF JOINTS PRACTICAL, USING FULL-LENGTH PIECES FROM MAXIMUM LENGTHS OF LUMBER AVAILABLE. DO NOT USE PIECES LESS THAN 24 INCHES (610 MM) LONG, EXCEPT WHERE NECESSARY. STAGGER JOINTS IN ADJACENT AND RELATED STANDING AND RUNNING TRIM. COPE AT RETURNS AND MITER AT CORNERS TO PRODUCE TIGHT-FITTING JOINTS WITH FULL-SURFACE CONTACT THROUGHOUT LENGTH OF JOINT. USE SCARF JOINTS FOR END-TO-END JOINTS. PLANE BACKS OF CASINGS TO PROVIDE UNIFORM THICKNESS ACROSS JOINTS, WHERE NECESSARY FOR ALIGNMENT.
1. MATCH COLOR AND GRAIN PATTERN ACROSS JOINTS.
2. INSTALL TRIM AFTER GYPSUM BOARD JOINT FINISHING OPERATIONS ARE COMPLETED.
3. DRILL PILOT HOLES IN HARDWOOD BEFORE FASTENING TO PREVENT SPLITTING. FASTEN TO PREVENT MOVEMENT OR WARPING. COUNTERSINK FASTENER HEADS ON EXPOSED CARPENTRY WORK AND FILL HOLES.

- 3.5 ADJUSTING
- A. REPLACE FINISH CARPENTRY THAT IS DAMAGED OR DOES NOT COMPLY WITH REQUIREMENTS. FINISH CARPENTRY MAY BE REPAIRED OR REFINISHED IF WORK COMPLIES WITH REQUIREMENTS AND SHOWS NO EVIDENCE OF REPAIR OR REFINISHING. ADJUST JOINERY FOR UNIFORM APPEARANCE.

- 3.6 CLEANING
- A. CLEAN FINISH CARPENTRY ON EXPOSED AND SEMI-EXPOSED SURFACES. TOUCH UP FACTORY-APPLIED FINISHES TO RESTORE DAMAGED OR SOILED AREAS.

END OF SECTION 06 20 00

NEW STORE



GAP INC.
STORE DEVELOPMENT
2 FOLSOM STREET
SAN FRANCISCO, CA 94105

ORACLE ID:

140261

STORE NUMBER:

7341

STORE LOCATION:

STATION PARK

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DESIGN TYPE: DERBY B
GENERATION: 21Q34
PROTOTYPE DATE: 1/8/2021
OPENING: 2021

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