

tech-check specs architectural | Division 09

This is a template, so some items will apply to your project, and others won't or will be missing. When using the list, make the changes needed for your project.

The content of the Tech-Check Lists is based on our specs and MASTERSPEC®.

DIVISION 09 - FINISHES

□ 033940 - CONCRETE SEALER-DENSIFIER

- This section specifies concrete sealers for utilitarian spaces where no other finish for the concrete slab is specified.
 - **Basis of Design Product:** SEAL HARD by L & M Construction Chemicals, Inc., 14851 Calhoun Road, Omaha, NE 68152 (800-362-3331)
- **LEED PROJECTS:** Requirements and Submittals included at the beginning of the section.

□ 092116.23 - GYPSUM BOARD SHAFT WALL ASSEMBLIES

- Check the following:
 - The shaft wall details correspond to the fire ratings shown in the plans and required.
 - At shafwalls scheduled to receive tile, the corresponding details show tile backing panels and tile backing panels are included in the specs.
 - A details for the jambs at the elevator-hoistway-entrances is included in the set.
- **LEED PROJECTS:** Requirements and Submittals included at the beginning of the section.

□ 092400 - CEMENT PLASTERING (STUCCO)

- This section specifies stucco over steel framed walls, and over concrete and masonry walls.
 - **Basis of Design Manufacturer:** La Habra.
- If mockup is needed, check that the mockup requirements are in the section and the locations are indicated on the Drawings
- At steel-framed walls check that the following is specified: Building paper, mesh, brown and scratch coats, and finish coat.
- At concrete and masonry walls check that the following is specified: Mesh, brown and scratch coats and finish coats.
- **LEED PROJECTS:** Requirements and Submittals included at the beginning of the section.

□ 092216 - NON-STRUCTURAL METAL FRAMING

- This section specifies non-structural steel framing (non-load bearing studs and their accessories, basically).
 - **Basis of Design Manufacturers:** Clark Dietrich and Cemco.
- Interior studs are 30 mils thick (drywall studs) typically.
 - Testing and inspecting by manufacturer in large or critical applications is required.
- **LEED PROJECTS:** Requirements and Submittals included at the beginning of the section.

□ 092900 - GYPSUM BOARD

- This section specifies interior gypsum board for ceilings and partitions, and exterior gypsum board for ceilings and soffits.
- Check that all types of gypsum board in the project are specified in the section.
 - Interior:
 - Gypsum board for ceilings 1/2 thick.
 - Type X for partitions.
 - Mold-Resistant.
 - Tile backer units at showers and wet walls where tile is scheduled.
 - Exterior: Glass-Mat Gypsum Sheathing Board or Exterior Gypsum.
- Finishing levels are indicated.
- Acoustical sealant is included.
- **LEED PROJECTS:** Requirements and Submittals included at the beginning of the section.

☐ 093013 - CERAMIC TILING (STONE TILING SIMILAR)

- This section specifies ceramic tiling installation at partitions, walls, and floors.
 - **Basis of Design Product for Installation Materials:** Mapei.
- Single source responsibility for installation materials.
- Check samples to see if that is what you want.
- If mock-ups are required, check that the description is in the section and the location is indicated on the Drawings.
- Check that the following systems are scheduled at the end of the section for regular and large-format tiles as applicable to the project:
 - At concrete or masonry walls at dry areas.
 - At steel framed partitions over gypsum board at dry areas.
 - At steel framed partitions over tile backing panels at wet areas.
 - At floors over crack-isolation membrane at dry areas.
 - At floors over waterproofing membrane at wet areas.
- If tile is too heavy, structural studs might be necessary to support the tile. If this is the case, then the structural engineer has to design the framing.
- **LEED PROJECTS:** Requirements and Submittals included at the beginning of the section.

☐ 095113 - ACOUSTICAL PANEL CEILINGS

- This section specifies ceiling acoustical panels and exposed suspension systems.
- Single source responsibility for suspension systems and panels in each assembly is required.
 - Surface-Burning requirements are included.
 - Check samples to see if that is what you want.
 - If mock-ups are required, check that the description is in the section and the location is indicated on the Drawings.
 - If fire-rated systems are included, check that requirements are included.
- Check that accessories in the specs are the same as in the details.
- Tolerances are included.
- Special inspection is included.
- **LEED PROJECTS:** Requirements and Submittals included at the beginning of the section.

☐ 096513 - RESILIENT BASE AND ACCESSORIES

- This section specifies rubber or vinyl wall base and flooring accessories.
- Check samples to see if that is what you want.
- Accessories types match the details.
- Wall Base:
 - Height matches details.
 - Base is provided in manufacturer's standard coil length.
 - Inside and outside corners are pre-fabricated.
- Stairs:
 - Types of stair accessories match drawings.
 - Testing for moisture in stairs concrete fill is included.
- **LEED PROJECTS:** Requirements and Submittals included at the beginning of the section.

□ 096516 - RESILIENT SHEET FLOORING

- This section specifies **glue-down** resilient vinyl or rubber flooring.
- Check samples to see if that is what you want.
- Field conditions (HVAC working) are included.
- Fire test Response Characteristics are included.
- Types of flooring included match project selections.
- Concrete slab moisture testing is included.
- Installation method is correct (heat-welded or chemically bonded seams).
 - Installation of integral curb is included.
- **LEED PROJECTS:** Requirements and Submittals included at the beginning of the section.

□ 096519 - RESILIENT TILE FLOORING

- This section specifies **glue-down** resilient vinyl or rubber tile flooring.
- Check samples to see if that is what you want.
- Field conditions (HVAC working) are included.
- Fire test Response Characteristics are included.
- Types of flooring included match project selections.
- Concrete slab moisture testing is included.
- Installation method is correct (heat-welded or chemically bonded seams).
- **LEED PROJECTS:** Requirements and Submittals included at the beginning of the section.

□ 097200 - WALL COVERINGS

- This section specifies vinyl, textile, and paper coverings.
 - Verify that samples are what you want.
 - Mockups are included if required. Locations should be shown in the Drawings.
 - Level finish at gypsum partitions is GA5 or GA4 if fabric is thin and gypsum board joints can telegraph.
 - Lighting is installed and on. HVAC system is working.
 - Wall covering product complies with surface burning characteristics and fire-growth contribution requirements (this is your responsibility, not the Contractor's).
 - Installation instructions match type of wall covering.
- **LEED PROJECTS:** Requirements and Submittals included at the beginning of the section.

□ 097713 - STRETCHED-FABRIC WALL SYSTEMS

- This section specifies **site-upholstered wall systems**.
- Basis of Design Manufacturer: Whisper Walls
 - Review samples to make sure you get what you want.
 - Mockups are included if required. Locations should be shown in the Drawings.
 - Installer is authorized by manufacturer.
 - Lighting is installed and on. HVAC system is working.
 - Core material is as need for the project (acoustical, tackable, impact-resistant, etc.)
 - If required, core is fire-retardant.
 - Joints between panels are indicated (butt or reveal).
 - Fabric installation description is as required.
 - Installation tolerances are indicated.
- **LEED PROJECTS:** Requirements and Submittals included at the beginning of the section.

□ 099113 - EXTERIOR PAINTING

- This section specified exterior painting (paints are “makeup”; coatings provide additional protections.)
 - Basis of Design Manufacturer: Sherwin Williams
 - Paint colors scheduled on the Drawings indicate only the colors chosen which will be match by the manufacturer of the paint systems specified.
 - Review the paint schedule at the end of the section and make sure it has all the substrates scheduled for painting as well as the correct sheens.
- **LEED PROJECTS:** Requirements and Submittals included at the beginning of the section.

□ 099123 - INTERIOR PAINTING

- This section specified interior painting (paints are “makeup”; coatings provide additional protections.)
 - **Basis of Design Manufacturer:** Sherwin Williams.
- Paint colors scheduled on the Drawings indicate only the colors chosen which will be match by the manufacturer of the paint systems specified.
- Review the paint schedule at the end of the section and make sure it has all the substrates scheduled for painting as well as the correct sheens.
- **LEED PROJECTS:** Requirements and Submittals included at the beginning of the section.

□ 099600 - HIGH-PERFORMANCE COATINGS

- This section specifies surface preparation and paints for exposed structural steel and other exposed miscellaneous steel, aluminum or other metals that need field painting.
 - **Basis of Design Manufacturer:** Rust-Oleum.
- Colors scheduled on the Drawings indicate only the colors chosen which will be match by the manufacturer of the paint systems specified.
- Review the paint schedule at the end of the section and make sure it has all the substrates scheduled for painting as well as the correct sheens.
- **LEED PROJECTS:** Requirements and Submittals included at the beginning of the section. A joint cover schedule is added at the end of the section. Tags are the same as in the Drawings.

□ SECTION 099653 - ELASTOMERIC COATINGS

- This section specifies surface preparation and paints for concrete and masonry substrates.
 - **Basis of Design Manufacturer:** Sherwin Williams.
- Colors scheduled on the Drawings indicate only the colors chosen which will be match by the manufacturer of the paint systems specified.
- Review the paint schedule at the end of the section and make sure it has all the substrates scheduled for painting as well as the correct sheens.
- **LEED PROJECTS:** Requirements and Submittals included at the beginning of the section.

□ 099726 - CEMENTITIOUS COATINGS

- This section specifies surface preparation and paints for concrete and masonry substrates.
 - **Basis of Design Manufacturers:** Sherwin Williams and Tex-Cote.
 - Colors scheduled on the Drawings indicate only the colors chosen which will be match by the manufacturer of the paint systems specified.
 - Review the paint schedule at the end of the section and make sure it has all the substrates scheduled for painting as well as the correct sheens.
 - **LEED PROJECTS:** Requirements and Submittals included at the beginning of the section.
-

END OF TECH-CHECKLIST