

tech-check specs architectural | Division 03

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 03 CONCRETE

□ GENERAL FOR ALL SECTIONS

- COORDINATE THE FOLLOWING with the Structural Engineer:
 - Parameters for structural calculations (loads, standards, etc.)
 - Architectural concrete finishes.
 - Concrete slab finishes, whether concrete will be exposed, polished, sealed, or as required for type of flooring scheduled.
 - Flatness when required by use of space.
 - Admixtures if required for color, appearances, or function.
 - Advise structural that we provide a section for non-structural patching.

□ 030130 - NON-STRUCTURAL PATCHING OF CONCRETE SLABS

- This section is RMW's and should be included ALWAYS!. This is patching floors in new and existing buildings in case this is needed.
 - **Basis of Design Product:** Ardex CP – Concrete Patch
- **LEED PROJECTS:** Requirements and Submittals are included at the beginning of the section.

□ 033300 - ARCHITECTURAL CONCRETE

- Check that if field samples or mockups are required, they are included in the spec.
- Check description of exposed concrete finishes to make sure it is what you want.
- Make sure locations for mockups are included on the Drawings.
- **LEED PROJECTS:** Requirements and Submittals are included at the beginning of the section.

□ 033940 - CONCRETE SEALER-DENSIFIER

- This section is **RMW's and should be included ALWAYS!**. This is for exposed concrete floors where no other finish is indicated.
 - **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 are included at the beginning of the section.

□ 034500- PRECAST ARCHITECTURAL CONCRETE

- Coordinate the specification requirements with the fabricator.
- Check that the article Performance Requirements is included with references to the Delegated Design Article which has the parameters for structural calculations.
- Check that if field samples or mockups are required, they are included in the spec.
- Check description of exposed concrete finishes and make sure it is what you want.
- Make sure locations for mockups are included on the Drawings.
- Make sure that the delegated design paragraphs are included.
- **LEED PROJECTS:** Requirements and Submittals are included at the beginning of the section.

END OF TECH-CHECKING LIST