Division 08 Openings pre-submittal checklist

PROJECT	SPEC SECTION	SUBMITTAL NO.

CHECKED BY	DATE

1. Before you start

These apply to every submittal, whatever the trade.

- [ ] Pull the exact spec section this package answers to, including addenda that changed it.
- [ ] Read the submittal articles in Part 1 and list every item they ask for.
- [ ] Confirm the transmittal names the right section number, and that each product is tagged to the paragraph it answers.
- [ ] Mark any deviation from the spec yourself on the transmittal. A declared deviation gets reviewed; a hidden one gets the package rejected.
- [ ] Keep a copy of exactly what you sent, with the date, for your submittal log.

2. Named manufacturers and products match the spec **Blocker**

Compare every product in the package to the manufacturer and model the spec names. If anything differs, attach the approved substitution or or-equal letter, or swap back before you send. Tick each item once you have checked it and nothing below applies without written approval.

- [ ] Door manufacturer substitutions (Steelcraft/Allegion, Ceco/ASSA ABLOY, Republic Doors, Mesker)
- [ ] Wood door manufacturer substitutions (VT Industries, Masonite Architectural, Marshfield, Oshkosh)
- [ ] Hardware manufacturer substitutions (Schlage/Allegion, Sargent/ASSA ABLOY, Hager, Best/dormakaba)
- [ ] Closer manufacturer substitutions (LCN, Norton, dormakaba, SARGENT)
- [ ] Exit device manufacturer substitutions (Von Duprin, Precision, Sargent)
- [ ] Aluminum entrance/storefront manufacturer substitutions (Kawneer/Arconic, YKK AP, Tubelite, Oldcastle/C.R. Laurence)
- [ ] Curtain wall manufacturer substitutions (Kawneer, YKK AP, Wausau, Vitro Architectural Glass)
- [ ] Glass manufacturer substitutions (Viracon, Oldcastle, Guardian, PPG, AGC)
- [ ] Overhead door manufacturer substitutions (Overhead Door Corp, Wayne Dalton, Amarr, Cookson)

3. Performance values meet the spec numbers **Blocker**

Put the data sheet next to the spec and compare the actual values, not just the test method. A sheet that says "tested per ASTM" without the number is not proof. Tick each value once it meets or beats the spec.

- [ ] **Fire rating** (20/45/60/90/180 minute per UL/WHI/Intertek tested assembly)

- [ ] **STC (Sound Transmission Class)** rating for acoustic doors and assemblies
- [ ] **U-value** (thermal transmittance, Btu/hr-sf-F) for windows, curtain wall, storefronts
- [ ] **SHGC (Solar Heat Gain Coefficient)** per NFRC rating
- [ ] **VLT (Visible Light Transmittance)** percentage
- [ ] **Air infiltration rate** (cfm/sf at test pressure per ASTM E283)
- [ ] **Water penetration resistance** (psf per ASTM E331 or AAMA 501.1)
- [ ] **Structural wind load** (psf per ASTM E330, design pressure)
- [ ] **Forced entry resistance** (per ASTM F588 where specified)
- [ ] **Impact resistance** (ANSI Z97.1 and CPSC 16 CFR 1201 for safety glazing)
- [ ] **Bullet resistance** (UL 752 levels where specified)
- [ ] **Blast resistance** (GSA/ISC or ASTM F2927 where specified)
- [ ] **Door gauge** (16ga, 18ga, 20ga for hollow metal)
- [ ] **Frame gauge** (16ga, 14ga for hollow metal)
- [ ] **Glass makeup** (monolithic, laminated, insulating, tempered, heat-strengthened)
- [ ] **Curtain wall deflection** (L/175, L/240, or as specified)

4. Certifications and test reports are attached **Fix and Resubmit**

Reviewers want the report itself, not a line on the data sheet saying one exists. Tick each document that the spec requires and the package actually contains. Skip lines that do not apply to your section.

- [ ] **UL/WHI fire-rated assembly listing** (door + frame + hardware as complete assembly)
- [ ] **NFPA 80** compliance for fire door assemblies (inspection, testing, maintenance)
- [ ] **BHMA/ANSI hardware certification** (A156 series standards for each hardware type)
- [ ] **DHI (Door and Hardware Institute)** hardware consultant certification
- [ ] **ADA compliance** documentation for accessible openings (ANSI A117.1)
- [ ] **AAMA certifications** for windows and curtain wall (AAMA 501, 502, 503 test standards)
- [ ] **NFRC certification** for U-value, SHGC, VLT ratings
- [ ] **IGCC/IGMA certification** for insulating glass unit seal durability
- [ ] **Safety glazing certification** per building code (ANSI Z97.1, CPSC 16 CFR 1201)
- [ ] **Florida Product Approval** or Miami-Dade NOA (for wind-borne debris zones)
- [ ] **ENERGY STAR** certification where specified
- [ ] **ICC-ES ESR** for proprietary frame systems or anchoring methods
- [ ] **Seismic certification** for curtain wall drift accommodation (IBC)

5. Colors, finishes, and profiles match the selection Fix and Resubmit

Match each visible attribute to the spec text and the architect's approved sample or color schedule. Tick each one you have confirmed.

- [ ] Door finish (paint color, wood species/veneer, laminate pattern, stain)
- [ ] Hardware finish per BHMA designation (US26D satin chrome, US32D satin stainless, US10B oil-rubbed bronze, etc.)
- [ ] Glass type appearance (tint color, reflectivity, spandrel color and opacity)
- [ ] Aluminum frame finish (anodized class/color, Kynar/PVDF paint color per RAL or custom)
- [ ] Curtain wall mullion profile (cap vs structural silicone glazed, exposed width)
- [ ] Door lite kit configuration (full lite, half lite, narrow lite, vision panel size)

6. Details and installation match the spec and drawings Fix and Resubmit

These are the mismatches reviewers catch most in this division. Check your shop drawings and installation data against the spec and the contract drawings, and tick each line once you have confirmed it does not apply to your package.

- [ ] **Door gauge** lighter than spec (20ga where 18ga specified)
- [ ] **Frame gauge** lighter than spec (18ga where 16ga specified)
- [ ] **Hinge count or weight rating** below spec (3 vs 5 knuckle, bearing vs plain)
- [ ] **Closer size** (ANSI size 1-6) does not match door weight/width
- [ ] **Lockset function** mismatch (classroom vs storeroom vs passage vs privacy)
- [ ] **Glazing thickness or makeup** differs (monolithic where laminated specified)
- [ ] **Curtain wall mullion depth** differs (affects structural capacity and thermal performance)
- [ ] **Thermal break** vs non-thermal-break frame (affects U-value compliance)
- [ ] **Door undercut** dimension differs from spec (affects fire rating and ADA)
- [ ] **Weatherstripping type** differs (compression vs magnetic vs interlocking)
- [ ] **Threshold type** differs (ADA compliant height, material)
- [ ] **Panic hardware** type or operation differs (rim vs mortise vs CVR)
- [ ] **Auto operator** type differs (low energy vs full power, activation method)

7. Every required item is in the package Fix and Resubmit

Open the submittal articles in Part 1 of your spec section (often split into action and informational submittals) and confirm each required item is present. The list below is what this division's specs most often require.

- [ ] Hardware schedule cross-referenced to door schedule (every opening with hardware set)
- [ ] Keying schedule (master key system, construction keying, final keying)
- [ ] Curtain wall shop drawings with structural analysis
- [ ] Curtain wall thermal analysis (condensation resistance per AAMA 1503)

- [ ] Door/frame/hardware templates (shop drawings showing prep locations)
- [ ] Finish samples (hardware finishes, frame finishes)
- [ ] Glass mock-up details (for curtain wall projects)
- [ ] Fire-rated assembly documentation (complete UL/WHI listing with all components)
- [ ] Warranty documentation (hardware, glass, curtain wall system, finish)
- [ ] Wind load analysis for curtain wall and storefront
- [ ] Structural engineering for curtain wall anchorage
- [ ] ADA compliance verification for each accessible opening

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Free checklist from deviationcheck.com/checklists/08-openings/. Want the package checked against your spec? Deviation Check reviews it for $35 at deviationcheck.com.