



Review façade tolerances & visual acceptance criteria in spec

Review façade tolerances and visual acceptance criteria in specifications with an interactive checklist that is commentable and easy to export as PDF/Excel, ensuring clear, auditable acceptance.

Project:

Date:

Filled by:

Document Control and Scope

1	Verify latest specification, drawings, and addenda are used; cross-check document register and revision dates.
2	Identify all façade systems covered (curtain wall, rainscreen, glazing); annotate section numbers and drawing references; evidence: marked index and register extract.
3	Confirm SI units throughout (mm, m, m/s, N); flag any imperial remnants; evidence: highlighted clauses and exceptions log; acceptance: SI only unless explicitly stated.
4	Record authority and project requirements governing acceptance; cite text verbatim; evidence: page captures; note "per approved project specifications and authority requirements."

Dimensional Tolerances

5	Extract plumbness tolerance for panels/frames; method: clause highlight; acceptance: as specified (e.g., deviation ≤ 3 mm per 1 m, ≤ 6 mm overall); evidence: annotated page.
6	Extract level tolerance for heads/sills; method: compare with grid benchmarks; acceptance: as specified (e.g., ≤ 3 mm per 1 m); evidence: tolerance register entry.
7	Record panel flatness/bow limits; method: capture measurement chord length; acceptance: as specified (e.g., ≤ 2 mm over 1 m chord); evidence: clause screenshot.
8	Confirm fabrication tolerances for module width/height and hole centres; method: tabulate; acceptance: as specified (e.g., ± 1 mm holes, ± 2 mm module); evidence: table in log.

Alignment and Flatness

9	Record allowable offset between façade grid and building gridlines; method: compare general notes; acceptance: as specified (e.g., ± 10 mm per floor); evidence: marked drawings.
10	Confirm lippage tolerance between adjacent panels/tiles; method: clause extract; acceptance: as specified (e.g., ≤ 1 mm step); evidence: tolerance register entry.
11	Note cumulative tolerance rules (stack-up method: worst-case vs statistical); method: review QA section; acceptance: method explicitly defined; evidence: copied text with comment.
12	Verify tolerance application location (edge, centre, overall span); method: schematic sketch; acceptance: location unambiguously stated; evidence: marked-up diagram.

Joints and Interfaces	
13	Confirm nominal joint width and permissible variation; method: capture min/max; acceptance: as specified (e.g., 10 ± 2 mm); evidence: clause highlight and register.
14	Verify perimeter clearances to structure and openings; method: compare to embeds/frames; acceptance: as specified (e.g., clearance ≥ 15 mm); evidence: drawing-markup.
15	Check sealant/movement joint capability vs expected movement; method: compare to movement table; acceptance: as specified (e.g., ±25%); evidence: schedule snapshot.
16	Record setting block and shim placement tolerances; method: detail review; acceptance: location and thickness bands stated; evidence: detail markup.

Visual Acceptance Criteria	
17	Define inspection viewing distance/angle; method: extract clause; acceptance: as specified (e.g., 3 m normal viewing); evidence: clause capture.
18	Capture colour/finish variation limits and batch control; method: reference control sample; acceptance: as specified (e.g., ΔE threshold if stated); evidence: sample photo and note.
19	Record allowable surface defects (scratches, dents, inclusions) size/count; method: tabulate; acceptance: as specified; evidence: table in register.
20	Confirm gloss/texture uniformity parameters and test method; method: spec review (e.g., 60° glossmeter if stated); acceptance: criteria defined; evidence: clause extract.
21	Verify approved mock-up/benchmark governs final acceptance; method: note transfer language; acceptance: mock-up photos and signed approval on file; evidence: attachments.
22	Record lighting conditions for inspections (daylight/lux, time); method: clause extract; acceptance: conditions defined to avoid false rejects; evidence: specification screenshot.

Comments:

Filled by:

Signature:

Introduction	How to use this checklist
Review façade tolerances and visual acceptance criteria in specifications is a critical early-stage QA activity that sets measurable expectations for the building envelope. This checklist helps you interpret façade tolerances, define visual quality benchmarks, and align acceptance criteria across stakeholders before procurement and installation. By extracting and confirming explicit limits for plumbness, level, flatness, joint widths, lippage, colour, texture, and surface defects, teams avoid costly rework, rejected materials, and programme delays. The scope is limited to desk-based specification review and coordination with drawings and approved mock-ups; it does not cover field measurements or lab testing. Outcomes include clear inspection parameters, traceable sign-offs, and well-documented evidence “per approved project specifications and authority requirements.” Use this as a living document during design coordination, submittal review, and pre-install conferences to eliminate ambiguity and capture decisions. Start interactive mode to tick items, add clarifying comments, and export your auditable review as PDF/Excel with a secure QR.	1. Preparation: Gather current specifications, drawings, addenda, façade schedules, and mock-up approvals. Have a ruler, highlighter, PDF markup tool, tolerance register template, and camera/scanner. Confirm SI units and project QA procedures. 2. Open the checklist: Start interactive mode, select project, building, and elevation. Link the specification PDF and drawing set so screenshots and clause references attach directly to each item. 3. Complete items: Tick each step after extracting tolerances or visual criteria. Use comments to clarify assumptions, note conflicts, or tag responsible designers and subcontractors for input. 4. Resolve gaps: Convert ambiguous wording into proposed measurable limits and log RFIs. Attach marked-up pages, meeting notes, and mock-up photos as evidence before closing items. 5. Export and share: Generate an export as PDF/Excel with embedded links. The output includes clause screenshots, decisions, and a tolerance table for shop-drawing coordination. 6. Sign-Off: Capture digital signatures from designer, façade contractor, and QA lead. Archive with QR authentication so recipients can verify document integrity and revision history.