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Review façade interface: balconies, terraces, thresholds

Review façade interface with balconies, terraces, and threshold details using an interactive checklist—commentable and able to export as PDF/Excel—for compliant, traceable inspections with photos, readings, and approvals.

Project:
Date:
Filled by:

Documentation & Approvals

1	Confirm latest approved façade, balcony/terrace, and threshold details are on hand; cross-check revision clouds.
2	Verify method statements and membrane/primer data sheets are approved and compatible; attach approvals as evidence (PDF).
3	Check ITP includes hold points for substrate readiness, waterproofing, thresholds, and firestopping; upload signed ITP page.
4	Confirm weather window is suitable; measure substrate moisture with a calibrated meter; acceptance: $\leq 5\%$ mass; photo readings.
5	Ensure water-testing plan (hose/flood) is agreed with stakeholders; record duration, area, and pass/fail criteria.
6	Collect installer and supervisor digital signatures and warranties; acceptance: documents complete per approved project specifications and authority requirements.

Substrate & Interface Preparation

7	Inspect slab edges/door sills clean, sound, and dry; perform tape test; acceptance: no dust transfer; photo close-up.
8	Verify formed falls to drains using digital level; acceptance: uniform 1:80 to 1:60 toward outlets; record readings.
9	Measure upstand heights at façade returns and jambs; acceptance: ≥ 150 mm above finished surface (except approved thresholds); photo with tape.
10	Confirm movement joint locations and widths match drawings; tag joints; acceptance: positions and gaps as specified; annotated photo.

Waterproofing & Drainage Details

11	Apply primer and membrane per datasheet; check wet film thickness with gauge; acceptance: within stated range; upload WFT log.
12	Reinforce internal/external corners and door jamb returns with preformed pieces; acceptance: no voids; macro photos of laps (≥ 75 mm).
13	Verify drainage outlets/scuppers with clamping rings and strainers; conduct pond test; acceptance: no ponding > 5 mm after 15 min; photos.
14	Inspect door sill trays/pans integrated with membrane; confirm weep holes clear; hose test 3–5 min; acceptance: no ingress; video/photo.
15	Check terminations and edge flashings mechanically fixed and sealed; use torque wrench; acceptance: torque and spacing per submittal; record values.
16	Record concealed works pre-cover: membranes behind cladding, laps, end dams; acceptance: time-stamped photos before enclosure.

Thermal & Fire Separation

17	Verify thermal break element at slab-to-façade interface; measure thickness; IR scan for bridging; acceptance: matches submittal, no cold stripe; attach IR images.
18	Check cavity barriers/firestopping at slab edge and penetrations; acceptance: continuous, properly tagged; evidence: photos, batch labels, installer checklist per approved project specifications and authority requirements.
19	Confirm insulation at thresholds is closed-cell and membrane-compatible; acceptance: product ID matches approved data sheet; photo of label.
20	Inspect acoustic isolators at threshold frames/balustrade bases where specified; acceptance: locations per drawings; close-up photos.

Door Thresholds & Accessibility

21	Measure interior-to-exterior level change with caliper; acceptance: ≤ 15 mm or as approved by authority; photo of reading.
22	Check threshold drainage channel/grate sits 3–5 mm below door track; acceptance: continuous fall to outlet; photo with scale.
23	Verify drip edges/water-bars at threshold project ≥ 15 mm with end returns; acceptance: continuous seal; profile photo.
24	Inspect frame seals, end dams, and sill end caps; hose test 3–5 min; acceptance: no water ingress; video and notes.

Balcony/Terrace Edge & Penetrations

25	Check balustrade/post penetrations use boots or pockets; acceptance: watertight, upstand ≥ 75 mm; close-up photos.
26	Verify perimeter upturns lapped behind cladding/door covers ≥ 100 mm; acceptance: continuous; pre-cover photos.
27	Confirm tile/paver supports maintain design slope and drainage gaps; use level/feeler gauge; acceptance: 8–10 mm edge gap; photos.
28	Inspect metal trims/nosings for alignment and deburred edges; acceptance: straightness ± 2 mm over 2 m; straightedge photo.

Comments:

Filled by:

Signature:

Introduction	How to use this checklist
<p>Review façade interface with balconies, terraces, and threshold details ensures junctions between the external wall, exposed slabs, and door sills are durable, watertight, thermally efficient, and accessible. This checklist focuses on façade-to-balcony junctions, terrace thresholds, and door sill interfaces where most leaks, thermal bridges, and trip hazards occur. It guides you through substrate preparation, waterproofing continuity, drainage paths and falls, thermal breaks, cavity barriers, and the precise configuration of accessible thresholds. Using clear tolerances and evidence prompts, the process reduces rework, prevents hidden moisture, limits cold spots and condensation, and avoids future maintenance claims. It excludes unrelated interior finishes or full balcony structural design; instead, it concentrates on envelope connections and service penetrations within the immediate interface zone. Use this tool collaboratively during pre-cover inspections and final verification. Start interactive mode, tick items, add comments, attach photos or readings, and export your record to PDF/Excel with a QR link for traceable sign-off.</p>	<p>1. Preparation: gather approved drawings, submittals, ITP, calibrated tools (digital level, moisture meter, IR camera, torque wrench), hose/flood test gear, PPE, and access equipment. 2. Set project context: select building zone, elevation, balcony/terrace ID, door reference, and upload relevant details for traceability. 3. Start interactive mode: tick items as inspected, enter dimensions/readings, and attach geotagged, time-stamped photos or videos. 4. Use comments to flag nonconformities, assign actions to responsible parties, and set due dates with notification preferences. 5. Run water tests and IR scans where applicable; log conditions, durations, and results; cross-link to drawings and test plans. 6. Export: generate a consolidated report to PDF/Excel including photos, readings, and comment threads; enable QR for on-site verification. 7. Sign-Off: obtain digital signatures from installer, supervisor, and consultant; archive records and share with stakeholders.</p>