



Review façade interface with podium waterproofing and plinth

Review façade interface with podium waterproofing and plinth details using an interactive checklist, commentable, and export as PDF/Excel for watertight results.

Project:

Date:

Filled by:

Design and Approvals

1	Confirm latest issued-for-construction interface details (upstand heights, overlaps, joint movements) against site conditions using marked-up drawings; acceptance: latest revision stamped and discrepancies listed; evidence: upload redlined sheets with reviewer signature.
2	Verify material compatibility among membrane, primers, flashing metals, façade sealants, and cleaners via manufacturer datasheets; acceptance: written compatibility confirmation; evidence: attach datasheets and manufacturer emails.
3	Check drainage strategy at façade base (weep locations, cavity trays, scuppers) matches drawings; acceptance: weeps shown at ≤ 1.2 m centres; evidence: photo of installed weeps with tape measure and location tags.
4	Confirm approved sequencing and access plan: waterproofing first, protected; then façade base; temporary protection maintained; acceptance: approved method statement; evidence: signed RAMS/ITP excerpt uploaded.

Substrate and Upstand Preparation

5	Measure podium upstand height above finished surface using a steel tape; acceptance: ≥ 150 mm or per approved project specifications and authority requirements; evidence: photo with dimension shown.
6	Record substrate moisture using a concrete moisture meter; acceptance: $\leq 5\%$ or as specified by membrane manufacturer; evidence: meter readings with date/time and location grid.
7	Check surface regularity with a 2 m straightedge; acceptance: deviation ≤ 5 mm; method: mark highs/lows with chalk; evidence: photos and rectification log.
8	Cut clean chase for membrane termination (approx. 25 mm deep $\times$ 10 mm wide) using an angle grinder with dust extraction; acceptance: continuous, debris-free; evidence: close-up photos before priming.

Waterproofing Termination and Integration	
9	Prime and install membrane upstand continuously into the chase; acceptance: full adhesion with wet film thickness per system (record readings); evidence: WFT gauge photos and batch numbers.
10	Fix stainless termination bar at ≤ 200 mm centres using corrosion-resistant anchors; torque to ~ 6 N·m; seal top edge; evidence: torque readings and bead continuity photos.
11	Lap façade sill or base flashing over membrane upstand by ≥ 75 mm with a formed drip projecting ≥ 10 mm; evidence: side-profile photo with ruler and seam continuity check.
12	Reinforce internal/external corners with prefabricated corners or double layer extending ≥ 150 mm each way; method: heat-weld or saturate per system; evidence: photos and installer sign-off.
13	Conduct field adhesion test (100 mm strip peel) on upstand; acceptance: ≥ 100 N/50 mm or per specification; evidence: force gauge reading, location, and repair notes if required.

Plinth Detailing and Protection	
14	Install plinth protection board (6–10 mm HD board) over membrane; acceptance: full coverage without punctures; method: compatible adhesive or mechanical fixings; evidence: photos and product lot numbers.
15	Fit metal skirting/capping above termination, allowing movement slots per design; acceptance: even alignment ± 3 mm over 3 m; evidence: level readings and fixing schedule.
16	Install thermal break/insulation at façade base where specified; acceptance: continuous line with gaps ≤ 5 mm; evidence: in-progress photos before closing the detail.
17	Provide drip grooves to stone/metal plinths ($\approx 10 \times 10$ mm) continuous along edges; evidence: underside close-up with vernier dimension and continuity check.
18	Maintain temporary protection to membrane during façade works; acceptance: intact edges taped, no exposed corners; evidence: daily photos and protection inspection log.

Drainage and Moisture Management	
19	Verify falls away from façade are $\geq 1:80$ using a digital level; evidence: slope readings at start/mid/end of each bay with location references.
20	Confirm drains/scuppers serving the interface are installed and accessible; acceptance: grate tops flush within ± 5 mm; evidence: photos with straightedge and test water pour.
21	Install and clear weep holes/cavity drainage behind façade at ≤ 1.2 m centres; evidence: endoscope photo of cavity and proof of unobstructed outlet.

Testing and Sign-off	
22	Perform electronic leak detection or holiday test along terminations; acceptance: zero defects after repairs; evidence: calibrated report, marked-up plan, and retest results.
23	Where permitted, conduct controlled flood test to 25 mm depth for 24 h; acceptance: no level drop or ingress; evidence: start/finish level photos and nearby ceiling inspection.
24	Final sealant QA: joint width uniform ± 2 mm, depth 6–12 mm, proper tooling; perform adhesion probe check; evidence: close-ups and sealant batch/expiry records.
25	Compile as-built details, warranties, and maintenance notes; obtain digital signatures from contractor, consultant, and client; evidence: exported PDF/Excel with QR-verified record.

Comments:

Filled by:

Signature:

Introduction	How to use this checklist
Review façade interface with podium waterproofing and plinth details is essential to ensure a watertight base junction where vertical façades meet horizontal podium slabs. This checklist focuses on the façade base junction, podium waterproofing terminations, and durable plinth protection, including upstands, flashings, drip edges, and drainage. By standardizing inspections around substrate preparation, membrane continuity, termination bars, cavity drainage, and movement accommodation, teams prevent leaks, efflorescence, and spalling near the building base. The scope stops at the interface: it does not cover full façade systems, entire podium membranes, or unrelated roof elements. It targets areas around sills, curtain wall anchors, stone or metal plinths, and adjacent drainage. Outcomes include traceable approvals, measurable installation quality, and defensible sign-offs per approved project specifications and authority requirements. Use this interactive checklist to tick tasks, record dimensions, add annotated photos and comments, and export PDF/Excel with a QR code for authenticated distribution.	1. Preparation: review IFC details and method statements; gather tools (steel tape, digital level, moisture meter, straightedge, torque wrench, WFT gauge, peel tester, endoscope, ELD kit, IR camera). Ensure access, lighting, weather windows, and PPE. Confirm materials and approvals are on site. 2. Using the Interactive Checklist: start interactive mode, select location grid, tick items, enter measurements, and attach annotated photos. Add comments for clashes and assign actions to trades. On completion, export to PDF/Excel with embedded QR for authentication. 3. Sign-Off: compile test reports, lot numbers, and as-built redlines. Capture digital signatures from contractor, consultant, and client. Archive the QR-verified export and share with stakeholders for records and warranty submission.