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Inspect Façade Final Cleaning & Protective Film Removal

Inspect façade final cleaning and protective film removal using an interactive checklist, commentable and exportable as PDF/Excel for a compliant handover.

Project:
Date:
Filled by:

Pre-Removal Verification

1	Confirm installation dates and manufacturer's removal window; review delivery tags and O&M; manuals. Acceptance: removal occurs within the stated window; no evidence of over-curing. Evidence: photos of labels and a dated log entry.
2	Verify approved cleaning chemistry: neutral detergent pH 6–8; no abrasives or ammonia on coated metals. Tool: product data sheet/SDS. Acceptance: listed products match approvals. Evidence: upload SDS and supplier batch numbers.
3	Check weather and surface conditions: ambient 10–35 °C, wind < 8 m/s, dry substrate, no rain forecast within 2 h. Tool: weather app and surface IR thermometer. Evidence: screenshots and temperature photo.
4	Protect adjacent finishes and drains with low-tack masking and filter socks. Method: cover frames, sills, and ground drains. Acceptance: zero overspray/contact with sensitive materials. Evidence: protection photos before work.
5	Plan waste handling: dedicate lined bags for film, label area/elevation. Acceptance: no debris on ground; waste traceable to elevation. Evidence: bag photos with labels; end-of-shift waste log (kg).

Safety and Access

6	Inspect MEWP/scaffold/rope access certifications; confirm current shift pre-use checks. Acceptance: access equipment tagged in-date; rescue plan available. Evidence: tag/inspection photo and signed pre-use checklist.
7	Establish exclusion zone with cones/tape at 1.5 m perimeter; post signage. Acceptance: zone continuous; no public access. Evidence: sitewide photo showing barriers and signs.
8	Equip PPE: cut-resistant gloves, eye protection, long sleeves, and nitrile for solvents. Brief crew on chemical and cut risks. Evidence: toolbox-talk record and attendee signatures.
9	Confirm electrical safety for heat guns: RCD in use, cable management, and in-date testing. Acceptance: no damaged cables; RCD test passed. Evidence: RCD photo and test label.

Film Removal Process	
10	Conduct a 1 m ² test area on an inconspicuous panel; lift a corner with a plastic scraper and peel at 30–45° angle. Acceptance: no whitening, tearing, or coating disturbance. Evidence: before/after photos.
11	Warm stubborn film to 40–60 °C with a hot air gun; monitor using an IR thermometer. Acceptance: surface temperature ≤ 60 °C. Evidence: thermometer reading photo.
12	Peel film in continuous strips top-to-bottom, maintaining even tension. Acceptance: no adhesive residue > 1 mm along edges. Evidence: close-up edge photos per elevation bay.
13	Place removed film directly into lined bags; avoid ground contact. Acceptance: clean work zone, no windblown fragments. Evidence: bagged waste photo and quantity log (kg).

Adhesive Residue Treatment	
14	Map residue locations by tactile check using a clean nitrile-glove swipe; mark on elevation drawing. Acceptance: all sticky areas identified. Evidence: annotated elevation and tagged photos.
15	Apply approved citrus-based remover at 10–30 g/m ² ; dwell 2–5 min, keeping surface wet. Acceptance: residue visibly softens; no coating discoloration. Evidence: timer screenshot and product batch photo.
16	Agitate with a non-scratch pad and 300+ GSM microfiber; no melamine or metal blades. Acceptance: no micro-marring visible at 1 m under 600 lux. Evidence: raking-light photo.
17	Rinse immediately with deionized water (conductivity < 30 µS/cm) to neutralize residues. Tool: handheld TDS meter. Evidence: TDS reading photo and rinse video clip.

Final Cleaning and Rinse	
18	Two-bucket wash: 5–10 ml/L neutral detergent (pH 6–8) and separate rinse bucket; use grit guards. Acceptance: wash water clear of grit. Evidence: mix ratio photo and labels.
19	Squeegee top-to-bottom with overlapping strokes; wipe blade every 1 m ² . Acceptance: no streaks visible at 1 m under 600–1000 lux. Evidence: finished panel photo.
20	Detail edges, gaskets, and corners with microfiber; avoid solvent contact with sealants. Acceptance: no staining, swelling, or lint. Evidence: close-up edge photos.
21	Clear drainage slots and wipe frames dry; remove temporary protections. Acceptance: no trapped debris; slots unobstructed. Evidence: frame/slot close-ups and removed masking photo.

Inspection, Documentation, and Handover	
22	Inspect using raking light at ~30° with 600–1000 lux. Acceptance: uniform finish; no haze. Evidence: lux meter reading and inspection photos.
23	Visual acceptance: from 1 m normal view, no residue, streaks, or scratches ≥ 10 mm; verify again at 3 m overview. Evidence: paired 1 m and 3 m photos per bay.
24	Check edges, joints, and hardware for trapped film or adhesive. Acceptance: 100% edges verified. Evidence: ticked elevation grid and photos of typical corners.
25	Log defects and rectify same day; tag with non-residue labels and assign responsible party. Evidence: action log with timestamps and close-out photos.
26	Record cleaner/remover batch numbers and SDS; capture signatures of contractor and client. Export PDF/Excel per approved project specifications and authority requirements. Evidence: signed report and QR-authenticated export.

Comments:

Filled by:

Signature:

Introduction	How to use this checklist
<p>Inspect façade final cleaning and protective film removal is the final quality gate before handover. This checklist guides façade inspectors, contractors, and facility representatives through safe, consistent removal of temporary protective films, followed by residue treatment and spotless final cleaning. It covers glass, coated aluminum, and composite cladding surfaces, ensuring methods align with manufacturer data sheets and approved project specifications and authority requirements. By structuring access controls, weather checks, peel techniques, adhesive remover dwell times, deionized-water rinsing, and squeegee finishing, you avoid common risks such as scratching, chemical staining, sealant swelling, trapped debris, and irreversible coating damage. Acceptance cues use practical tolerances like lighting levels (lux), viewing distances, peel angles, and solution mix ratios so decisions are objective and defensible. Outcomes include a uniformly clean façade, zero visible residue, and a verified record of materials and conditions. Start in interactive mode to tick items, add comments, upload photos, and export PDF/Excel via a secure QR.</p>	<p>1. Preparation: Gather PPE (cut-resistant gloves, eye protection), access gear (MEWP/scaffold), plastic scrapers, microfiber cloths, non-scratch pads, neutral detergent (pH 6–8), approved adhesive remover, hot air gun with IR thermometer, TDS meter, and lux meter. Confirm weather, protection of adjacent finishes, and waste bags are in place. 2. Using the Interactive Checklist: Start interactive mode, tick items as completed, and add comments for anomalies. Upload photos of labels, readings, and before/after panels. Assign corrective actions with due dates. When complete, export the record to PDF/Excel for distribution and archive. 3. Sign-Off: Capture digital signatures from the contractor and client representative. Verify that batch numbers, SDS, and evidence are attached. Archive the report and share the QR-authenticated link to confirm document integrity during handover.</p>