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Inspect Façade Temporary Protection During Adjacent Works

Inspect façade temporary protection during adjacent construction works with an interactive checklist that is commentable and can export as PDF/Excel, verifying fixings, screens, and monitoring.

Project:	
Date:	
Filled by:	

Pre-Installation Documentation	
1	Verify approved method statement and risk assessment for façade protection align with the adjacent works schedule; acceptance: current version signed by contractor and supervisor; evidence: uploaded PDFs and photo of toolbox talk attendance sheet.
2	Confirm shop drawings and load checks for brackets/anchors match substrate type and thickness; method: review drawings and spot-measure cores/as-builts; acceptance: revision current, substrate verified within ±5 mm; evidence: photos and measurements.
3	Check material certificates and flame-retardant ratings for netting/sheeting/plywood per approved project specifications and authority requirements; acceptance: labels match certificates; evidence: label photos and certificate numbers recorded.
4	Ensure permits, neighbour notices, and protection zones are approved and valid for the current phase; acceptance: dates cover inspection period; evidence: uploaded permits with stamps and validity dates.

Structural Supports and Fixings	
5	Pull-test representative anchors using a calibrated tester to ≥1.5× design service load; acceptance: no slip >1 mm and hold for 60 s; evidence: tester serial, reading photo, and signed log.
6	Torque-check M10–M16 bolts with a calibrated torque wrench; acceptance: within design torque ±10%; evidence: logged torque values, tool calibration date photo.
7	Verify bracket spacing and edge distances on masonry or concrete; method: tape/laser measure; acceptance: spacing ≤600 mm, edge distance ≥75 mm unless specified otherwise; evidence: marked photo with dimensions.
8	Inspect isolation pads and corrosion protection at dissimilar metals; method: visual plus dry-film-thickness gauge; acceptance: isolators continuous, coating DFT ≥ specified (e.g., 80 µm); evidence: close-up photos and DFT readings.

Protective Screens and Sheeting	
9	Check plywood sheathing grade and thickness; method: label check and calliper; acceptance: exterior-grade (WBP) ≥18 mm, panels undamaged; evidence: label photo and thickness reading.
10	Verify debris netting mesh and FR rating; method: tag/label check; acceptance: mesh 2–5 mm, FR as per approved specification; evidence: tag photo and lot numbers.
11	Inspect wrap/sheeting overlaps and seam taping; method: measure overlaps; acceptance: side overlaps ≥100 mm, seams continuously taped, no tears >20 mm; evidence: annotated photos.
12	Confirm impact cushions/foam or sacrificial boards at likely strike zones; method: layout check; acceptance: coverage extends ≥300 mm beyond identified risk area; evidence: photos with marked extents.
13	Assess tie-ins and keder rails continuity and clamps; method: spanner check; acceptance: rails continuous, joints secured, clamps tight with no slippage; evidence: detail photos, recorded torque if applicable.

Perimeter Interfaces and Openings	
14	Seal window/door perimeters with foam and tape or corrugated board; acceptance: continuous seal with residual gap ≤5 mm; evidence: close-up photos along full perimeter.
15	Protect sills, cornices, and projections with edge guards; acceptance: guards fixed at ≤500 mm centres, no exposed sharp edges; evidence: overview and close-up photos.
16	Provide temporary gutters or drips to divert runoff from protected faces; acceptance: no backflow; water test with 10 L discharge shows free flow; evidence: test video or photos.
17	Cover air intakes and vents with FR-rated filter fabric; acceptance: filtration in place without restricting required airflow per specification; evidence: photo and written approval note.

Environmental Controls and Monitoring	
18	Install dust monitors at the façade line; method: calibrated sensor; acceptance: PM10 ≤50 µg/m³ 24■h average unless specified; evidence: data screenshot and calibration certificate.
19	Position vibration monitors on representative façade bays; acceptance: alarm thresholds set per approved project specifications and authority requirements; evidence: setup photo and threshold screenshot.
20	Verify noise barriers orientation and height; method: measure barrier geometry; acceptance: top ≥1 m above line-of-sight to source; evidence: photos with dimensions.
21	Record baseline façade condition photos before works and daily thereafter; acceptance: geo-tagged, time-stamped set covering 100% of elevations; evidence: uploaded album link.

Access, Signage, and Housekeeping	
22	Mark exclusion zones beneath protection with barrier tape and cones; acceptance: clear width ≥1.5 m, warning signs at ≤10 m intervals; evidence: site photos.
23	Post “Do not remove – façade protection” FR-rated signage; acceptance: legible from 3 m and weatherproof; evidence: signage photo with location reference.
24	Secure temporary access ladders and gates; method: chain/lock check; acceptance: locked when unattended, slip-resistant treads intact; evidence: photo and lock ID.
25	Maintain housekeeping around protections; method: daily sweep; acceptance: no debris trapped behind screens; record supervisor-signed log; evidence: waste tickets and signed page.

Comments:

Filled by:

Signature:

Introduction	How to use this checklist
Inspect façade temporary protection during adjacent construction works ensures existing building elevations are shielded from damage while neighbouring activities proceed. This checklist targets façade protection inspection, temporary façade shielding, and adjacent works impact control without drifting into permanent repair or scaffold erection methods. You will confirm method statements, review drawings, and assess protective screens, plywood panels, debris netting, edge guards, and seals. Field checks verify anchors, brackets, overlaps, and interfaces; environmental controls track dust, noise, and vibration to maintain acceptable limits. Done well, this process prevents spalling, scratching, water ingress, and contamination, while maintaining safe access and clear escape routes. Acceptance cues include measurable tolerances, calibrated readings, traceable labels, and signed records per approved project specifications and authority requirements. Use this interactive checklist to tick tasks, add comments, assign actions, and export results to PDF or Excel, complete with a secure QR code for verification and sharing.	1. Preparation: Gather approvals, drawings, and submittals; bring torque wrench, pull-tester, tape/laser, calliper, DFT gauge, particle and vibration monitors, PPE, and access permits. 2. Preparation: Brief the team on hazards, exclusion zones, and sequence; confirm safe access to all elevations and arrange escorts or keys as required. 3. Using the Interactive Checklist: Start a new session, scan the QR code to authenticate, and enable photo/location access on your device. 4. Using the Interactive Checklist: Walk down each group, record measurements, attach labeled photos, and log instrument serials and calibration dates. 5. Using the Interactive Checklist: Add comments for nonconformances, assign responsible parties and deadlines, and set reminders for re-inspection. 6. Export: Generate a PDF/Excel report including comments, evidence, and action status; share with the contractor and client team. 7. Sign-Off: Capture digital signatures from inspector and contractor; distribute the QR-authenticated report to stakeholders. 8. Archive: Store the signed report in the project CDE with version control for future reference.