

 Cleantech certified facade technicians using rope access spiderman system on corporate glass building facade

Engineered Height Access, Structural Glass Clarity & Uncompromised Safety.

Modern architectural curtain walls and metallic panels face heavy atmospheric oxidation, carbon staining, and rain streaks that permanently etch glass surfaces if neglected. Cleantech deploys IRATA-trained dual-rope technicians, motorized suspended cradles, and mineral descaling technology to restore building exteriors without disrupting ground operations.

Core Facade Maintenance Solutions

Spiderman Dual-Rope Access

Certified industrial rope descent systems with independent backup lifelines for complex elevations, narrow vertical lightwells, and overhangs.

Suspended Cradle (BMU) Systems

Temporary suspended platforms equipped with anti-fall blocks and automatic leveling for high-efficiency multi-story glass curtain washdowns.

Architectural ACP Cladding Care

pH-balanced chemical descaling and non-abrasive microfiber agitation for Aluminum Composite Panels, louvers, and architectural canopy roofs.

Hard Water & Mineral Descaling

Targeted restoration compounds that dissolve stubborn silica deposits, acid rain scaling, and calcium streaks without scratching glass coatings.

Silicone Sealant & Gasket Audits

Systematic pre-wash visual and tactile inspection to identify compromised silicone joints, failing rubber gaskets, or water-ingress vulnerabilities.

Post-Construction Facade Scrub

Specialized chemical release agents to safely strip concrete wash, silicone overspray, primer splatters, and protective tape adhesives.

Zero
ACCIDENT TOLERANCE

100%
DUAL LIFELINE ROPE

IRATA
TRAINED TECHNICIANS

Third-Party
CERTIFIED RIGGING

Substrate Protocols & Periodic Maintenance

Facade Element	Recommended Frequency	Cleaning Methodology & Equipment
Reflective Curtain Glass	Quarterly AMC	Deionized pure water wash, anti-static squeegee wiping, and pH-neutral streak-free finishing.
ACP / Metallic Cladding	Bi-Annual / Annual	Soft-bristle telescopic brush scrubbing, solvent-free degreaser application, and protective rinse.
Canopies & Atrium Domes	Bi-Monthly	Dual-rope horizontal traversing with suction-cup stabilizers and targeted algae removal.
High-Rise Spandrel Glass	Quarterly Cycle	Suspended cradle pass with deep frame wiping and joint dirt extraction.
Louvers & Ventilation Grilles	Bi-Annual	High-pressure directional air/water flushing with heavy particulate containment barriers.
Post-Monsoon Descaling	Seasonal (Oct–Nov)	Fluoropolymer-safe oxalic descalers for oxidation stains and monsoon mud-streak clearing.

Comprehensive Safety Framework

Dual-Rope Redundancy
Every technician is secured by an independent working line and backup lifeline with certified fall-arresters.

Daily Rigging Audit
Parapet anchors, karabiners, descenders, and ropes undergo strict torque and wear checks before every drop.

Ground Exclusion Zones
Cordoned drop zones with safety barricades, caution tapes, and ground marshals to protect pedestrians below.

Schedule a Structural Facade Survey
Complimentary drone/visual inspection, anchor-point assessment, and customized AMC proposals.

Web: preconet.in/cleantech-full
Email: info@cleantechfacilities.com
Offices: Kolkata | Mumbai | Bengaluru | Pan-India