Kinetic Wall Specification Checklist

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Use this checklist to review a proposed kinetic wall with the architect, facade consultant, structural engineer and supplier before issuing the specification. Record the responsible party, required evidence and review status for each item.

[ ] **Design brief** - Record the site, interior or exterior exposure, elevation dimensions, viewing distances and intended visual effect. Identify the applicable drawings and revisions.

[ ] **Motion** - Identify the motion source, expected operating conditions, movement limits, clearances and how unwanted panel contact or noise will be assessed.

[ ] **Panels and finish** - Specify the alloy and grade, geometry, thickness, mass, edge treatment, finish sample and acceptable variation. Confirm suitability for the exposure conditions.

[ ] **Support and loads** - Identify the load path, anchors, support interfaces, movement allowances and design responsibilities. Have the project team confirm applicable loads and acceptance criteria.

[ ] **Prototype** - Define what a representative sample or moving mock-up must demonstrate, who will review it and how approval will be documented.

[ ] **Installation** - Request coordinated shop drawings, alignment tolerances, handling instructions, installation sequence and commissioning checks.

[ ] **Maintenance** - Confirm inspection access, cleaning methods, replaceable parts, spare quantities and the process for replacing an individual panel.

[ ] **Handover** - Request approved drawings, materials and inspection records, maintenance instructions, warranty scope and spare-parts information.

Project evidence

System components and specifications

Wind-driven motion and load path

Curved cable kinetic screen video

Final engineering values and acceptance criteria must be verified for the specific project by the responsible professionals.