

Technical Approval Guide

The Movable Outdoor Social Kitchen

Cook - Gather - Entertain

KS-TA-PUBLIC-20261021 | Public reference | Reviewed 21 October 2026

This specification supports quotation review, technical approval, production, inspection, installation planning and traceability. It does not authorize manufacture on its own. All TBC items must be resolved before production release.

Record customer/project, PO/PI, model, residential/commercial use, serial number, drawing revision, BOM revision and Technical Freeze date. A signed contract/PI, approved Freeze Sheet, approved drawings and BOM take precedence over generic specifications and marketing. Stop production and clarify conflicts in writing.

PRO/MAX: galvanized-steel frame, aluminium cabinetry and exterior panels, and SUS304 worktop and sink. PRO includes aluminium honeycomb interior panels where specified. CUSTOM 2278/2878: aluminium frame/cabinetry and specified aluminium honeycomb panels, with SUS304 worktop and sink.

The product is not entirely stainless steel. SUS316 worktops, stainless cabinetry, project colors/hardware and marble or sintered-stone inner/outer shell cladding are separately reviewed and quoted. Cladding does not change the frame material and may affect weight, packing and delivery cost.

Confirm frame material/grade, section size, wall thickness, corrosion protection, weld standard and load basis. Confirm panel/core/fill material and locations, thickness, adhesive/fire data, face finish and fastenings. Water-resistant SPC or other layers are included only where listed in the BOM.

Confirm base material/thickness, live and point loads, leveling and anchors. Fasteners must be compatible with adjoining metals and exposure; record grade/coating and torque. Sealants/gaskets require location, type, UV, food-zone and temperature suitability review.

Applicable stainless worktops use approved 304 or project-selected 316; retain batch material evidence. Historical thickness options are 6/8/10 mm, selected only by approved BOM/drawing. Official texture names: Sand Time, Floating Light, Cracked Realm, Mystic Engrave, Infinity; process and sample acceptance require supplier confirmation.

Dimension edge profile/radius, cut-outs, drainage falls, upstands and tolerances. Confirm sink grade/gauge, size, waste, faucet and overflow. Reject cracks, hazardous edges, dents, deep scratches, contamination or repairs outside the approved sample standard.

Doors/drawers must travel freely, latch positively and have controlled gaps. Confirm hinge/slide/handle model, load, corrosion class and secure fixing. Shelves require BOM scope and load rating. Final color code, gloss and approved sample govern production.

Manual mechanisms require approved operating force, retention and safety provisions. Electric actuators require model, voltage, stroke, load, duty cycle, IP rating, limits and wiring confirmation. Roller shutters require motor/load, controls, limits, manual override and interlock confirmation.

Verify pivots, fasteners, lubrication and noise/play. Approve pinch/crush safeguards, warnings, controls and emergency/manual release against the project risk assessment. Record the specified cycle-test quantity and

actual result in QC; do not invent a generic cycle rating.

Confirm voltage, frequency, phase, plug/connection, rated input and maximum current. Distribution enclosure, outdoor suitability, IP rating, breakers and RCD/GFCI/RCBO must match the approved design and destination requirements.

Specify protective earthing/equipotential bonding; cable size/type/temperature rating, heat-water separation, routing, strain relief, terminals and glands. Confirm lighting temperature, power/driver/dimming/IP and socket/track type, number, rating and covers.

Record visual wiring, continuity, protective-earth continuity, insulation and protective-device/function tests where applicable, with test limits, measured values and instrument details. Qualified local professionals complete final site connection, inspection and required certification unless expressly included.

CE, UKCA, UL, ETL, CSA, RCM or similar claims require matching valid evidence for the exact component/model/scope. Appliance certificates do not approve the complete kitchen system.

Internal water/drainage pipework is included only as listed. Confirm pipe sizes/materials, pressure, inlet/outlet positions, hot water, trap, venting and falls. Record leak/pressure-test medium, pressure, duration and limits.

Gas components require expressly approved appliance, fuel, pressure, regulator, hose/pipe, isolation and ventilation scope. Factory checks do not replace qualified local gas commissioning.

Every grill, hob, hood, refrigerator, TV/display, audio or accessory must have a BOM make/model/quantity. Check dimensions, heat clearances, shielding, ventilation, utilities, access and destination suitability; retain exact manufacturer certificates, manuals and warranties.

The configured outdoor product is not a flood-proof or permanently watertight enclosure. Follow operating/maintenance guidance and close the canopy/shutter when not in use. Coastal sites require reviewed material protection and cleaning.

Wind loads, anchoring and open/closed operating limits require project engineering. Temperature, snow and seismic values are TBC for the destination. Provide a level, stable, adequately drained foundation supporting verified loads and maintain appliance ventilation and service clearances.

Specify dimensional, squareness, panel-gap and flushness tolerances. Welds must be structurally sound without cracks, burn-through, sharp spatter or unauthorized repair. Approve coating color/gloss/dry-film thickness and texture orientation; reject peeling, blistering, exposed substrate and hazardous burrs.

Link each serial number to PO/PI, drawing/BOM versions, material/finish records, test data, inspector and photos. Safety, identity, structural, functional or missing-part failures require HOLD, corrective action and documented reinspection. Only an authorized KAISTEEL representative may release shipment.

Clean/dry and protect surfaces, corners, glass, screens and protrusions; restrain doors, drawers, moving parts and loose accessories. Confirm export crate/frame and applicable ISPM 15 wood requirements. Mark PO, model, serial, case, weights, dimensions, handling/centre-of-gravity and destination details.

Measure actual packed dimensions, gross/net weight and package count. Include invoice, packing list, QC release, photos, installation/operation instructions, warranty and applicable certificates. Historical catalogue loading and weight estimates do not authorize shipment.

After Technical Freeze, substitutions or changes require a written engineering change order recording technical, price and delivery effects. This specification does not expand warranty coverage.

Eligible primary structures: up to 15 years; eligible finishes: up to 5 years; specified KAISTEEL-supplied functional components: 1 year. Aluminium cabinetry, panels and frames are not automatically in the 15-year tier. Third-party appliances follow manufacturer terms. The applicable order-specific Limited Warranty Certificate controls scope, exclusions and remedies.

Current product mechanisms: PRO motorized roller shutter or motorized lift-up; MAX motorized lift-up; CUSTOM Compact manual lift-up. See the current Product Guide for model planning dimensions.

Approval record	Reference and status
Customer / project / PO / PI	Reference: _____ Open ☐ Approved ☐
Model / dimensions / layout	Reference: _____ Open ☐ Approved ☐
Drawing and BOM revisions	Reference: _____ Open ☐ Approved ☐
Frame / corrosion protection	Reference: _____ Open ☐ Approved ☐
Worktop / panels / finish	Reference: _____ Open ☐ Approved ☐
Mechanism / controls / safety	Reference: _____ Open ☐ Approved ☐
Electrical / water / drainage / gas	Reference: _____ Open ☐ Approved ☐
Appliance models / destination evidence	Reference: _____ Open ☐ Approved ☐
Packing / measured data / loading	Reference: _____ Open ☐ Approved ☐
Customer and KAISTEEL approval	Reference: _____ Open ☐ Approved ☐