



TIRREN

HOSPITALITY SURFACE SYSTEMS

MASTER SPECIFIER PACK · ISSUE 01

Solid-surface systems for hotels, resorts, villas, branded residences and selected commercial hospitality environments.

SUPPLY-ONLY PROJECT PATHWAY

TIRREN coordinates product selection, project documentation, mock-up support and staged supply. Site measurement, plumbing, waterproofing, structural support, installation and statutory approvals remain project-specific responsibilities.

Specification starts with the room type, not the catalogue.

This pack is designed for architects, developers, hotel operators, quantity surveyors, interior designers and project teams who need to move from concept design to a controlled hospitality-surface supply package.

DEFINE THE ROOM TYPE

Separate standard guestrooms, suites, villas, accessible rooms, public washrooms, spa areas, F&B counters and branded-residence kitchens.

LOCK THE INTERFACES

Resolve wall, cabinet, floor, plumbing, drainage, access and service conditions before repeated production.

MATCH THE EVIDENCE

Use product-specific drawings and third-party documentation only where the selected model falls within the verified scope.

RELEASE BY SCHEDULE

Approve room types, quantities, finishes, packaging and delivery stages before production release.

IMPORTANT

Dimensions and technical values in this pack are based on the current documented TIRREN range and reference configurations. Where an exact model has not yet been matched to a final public code, the information is clearly identified as a planning reference.

Six coordinated surface-system pathways.

BATHROOM & VANITY SYSTEMS Integrated basins, vanity tops, wall-hung and countertop basins, pedestal basins, cabinets, accessible-room pathways and custom fabrication.	BATH & WELLNESS SYSTEMS Freestanding, built-in and project-specific solid-surface baths with handling, drainage and access planning.
SHOWER & WET-AREA SYSTEMS Solid-surface trays and wet-area components coordinated with drainage, waterproofing, screens and accessibility requirements.	RECEPTION, BAR & COUNTER SYSTEMS Curved reception desks, concierge counters, hospitality bars, restaurant counters and high-visibility public-area surfaces.
KITCHEN & BRANDED-RESIDENCE SURFACES Worktops, islands, integrated-sink pathways and repeated villa, suite and serviced-apartment surface packages.	BESPOKE ARCHITECTURAL SOLID SURFACE Translucent feature surfaces, retail/display systems, column cladding, custom furniture and other project-specific fabricated components.

03 · WASHBASIN RANGE

Selected TIRREN basin formats.

TIRREN Code	Form	Nominal Dimensions	Finish
B1195	Linear vanity basin	1195 x 455 x 20 mm	Matte White
B400	Compact square basin	400 x 400 x 130 mm	Matte White
B1200	Linear vanity basin	1200 x 500 x 100 mm	Matte White
P445	Freestanding pedestal basin	445 x 445 x 900 mm	Glossy White
B900	Compact vanity basin	900 x 480 x 145 mm	Matte / Glossy White
B1500	Long vanity basin	1500 x 500 x 120 mm	Matte / Glossy White
B1845-2H	Linear basin · 2 tap holes	1845 x 480 x 100 mm	Matte / Glossy White
B1845-1H	Linear basin · 1 tap hole	1845 x 480 x 100 mm	Matte / Glossy White
B1500-S	Slimline vanity basin	1500 x 455 x 20 mm	Matte / Glossy White
I540	Insert / integrated basin	Ext. 540 x 370 x 130 mm	Matte / Glossy White

I540 internal bowl reference: 475 x 305 x 70 mm. Tap holes, waste, overflow, support and final installation method are confirmed against the selected product drawing.

COMPLIANCE CONTROL

Selected basin models have model-specific third-party plumbing documentation available for project review. No range-wide cUPC claim is made; current status and exact model coverage are checked before the documentation is included in a submittal.

Five installation pathways are documented.

WALL-HUNG Bracket and wall-fixing pathway. Final substrate, anchors, reinforcement and bracket arrangement are matched to the selected basin.	COUNTERTOP Product is measured and positioned over the approved bench cut-out; contact surfaces are sealed and the waste is connected and leak-tested.
SEMI-INSET Product template and cut-out control are critical. Sealant, waste and service access are coordinated to the actual basin.	PEDESTAL Floor-standing basin pathway with either underground or wall-mounted drainage depending on the room design.
CABINET-MOUNTED Basin/countertop is coordinated with the wall-mounted or floor-supported cabinet and its structural fixing requirements.	LEAK TEST Waste and plumbing connections are checked after installation. Example cut-out dimensions in generic manuals are not treated as universal.

The substrate is part of the specification.

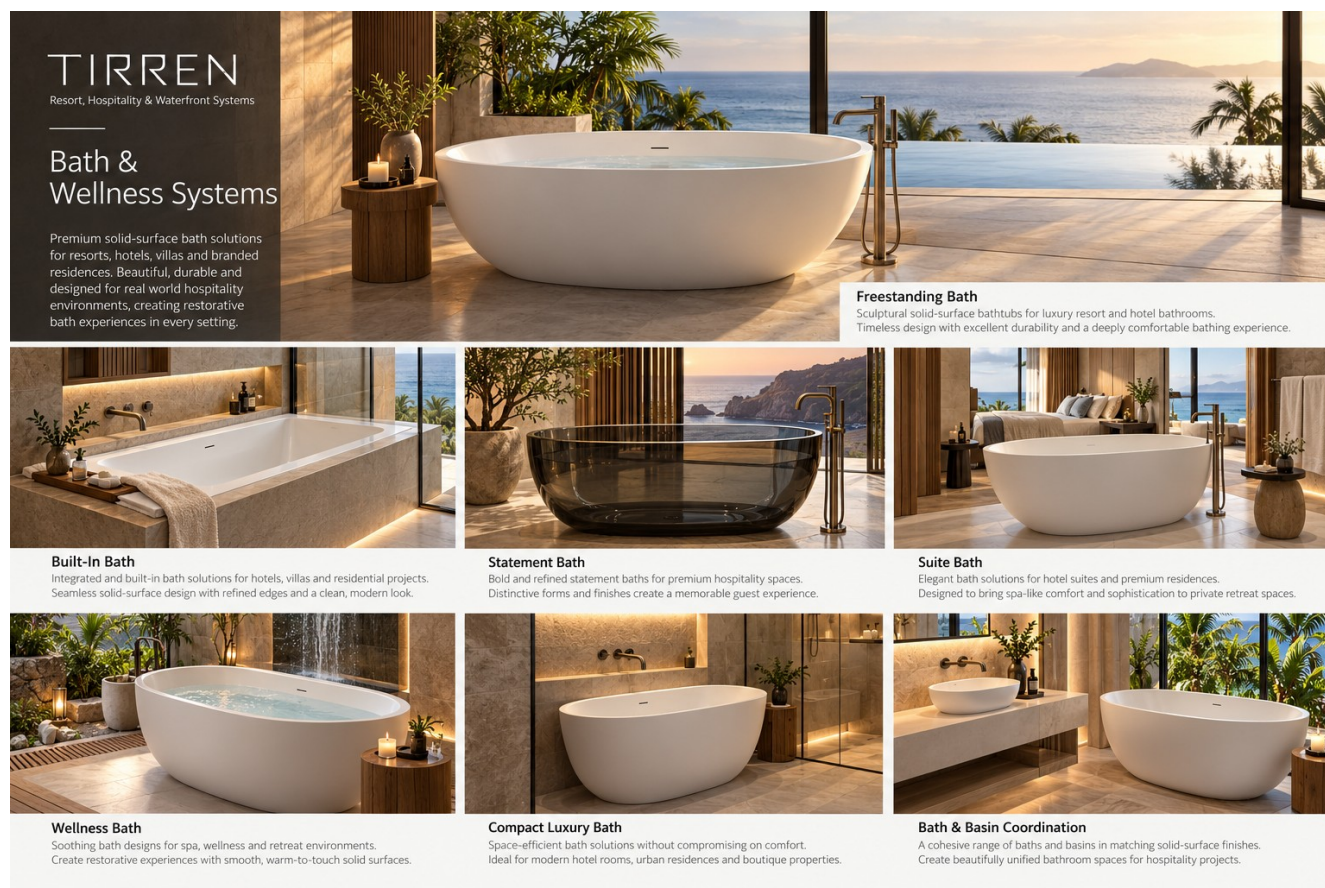
Wall-hung products cannot be specified independently of the wall construction. Current cabinet guidance prefers reinforced concrete or solid masonry and calls for reinforcement where hollow-wall conditions cannot be avoided.

SOLID / REINFORCED WALL Preferred pathway where the wall construction can directly carry the selected fixing and support arrangement.	HOLLOW WALL Requires suitable reinforcement and fixing design. Do not assume standard wall anchors are adequate.
STATIC SUPPORT REFERENCE The current cabinet manual states at least 1500 N static wall-support capacity for its illustrated cabinet configuration only.	INSTALLATION HEIGHT Illustrated cabinet heights are examples, not a universal TIRREN mounting standard. Finished height is set by the project.

FIXING RULE

Bracket material, anchor type, screw length, substrate capacity and reinforcement must be matched to the actual basin/cabinet system and wall construction before release.

Two documented bath reference configurations.



TIRREN Reference	Form	Overall Dimensions	Approx. Dry Weight	Status
BATH 1650-R	Freestanding oval reference	1650 x 853 x 550 mm	Approx. 168 kg	Planning reference
BATH 1780-R	Freestanding oval reference	1780 x 920 x 550 mm	Approx. 175 kg	Planning reference

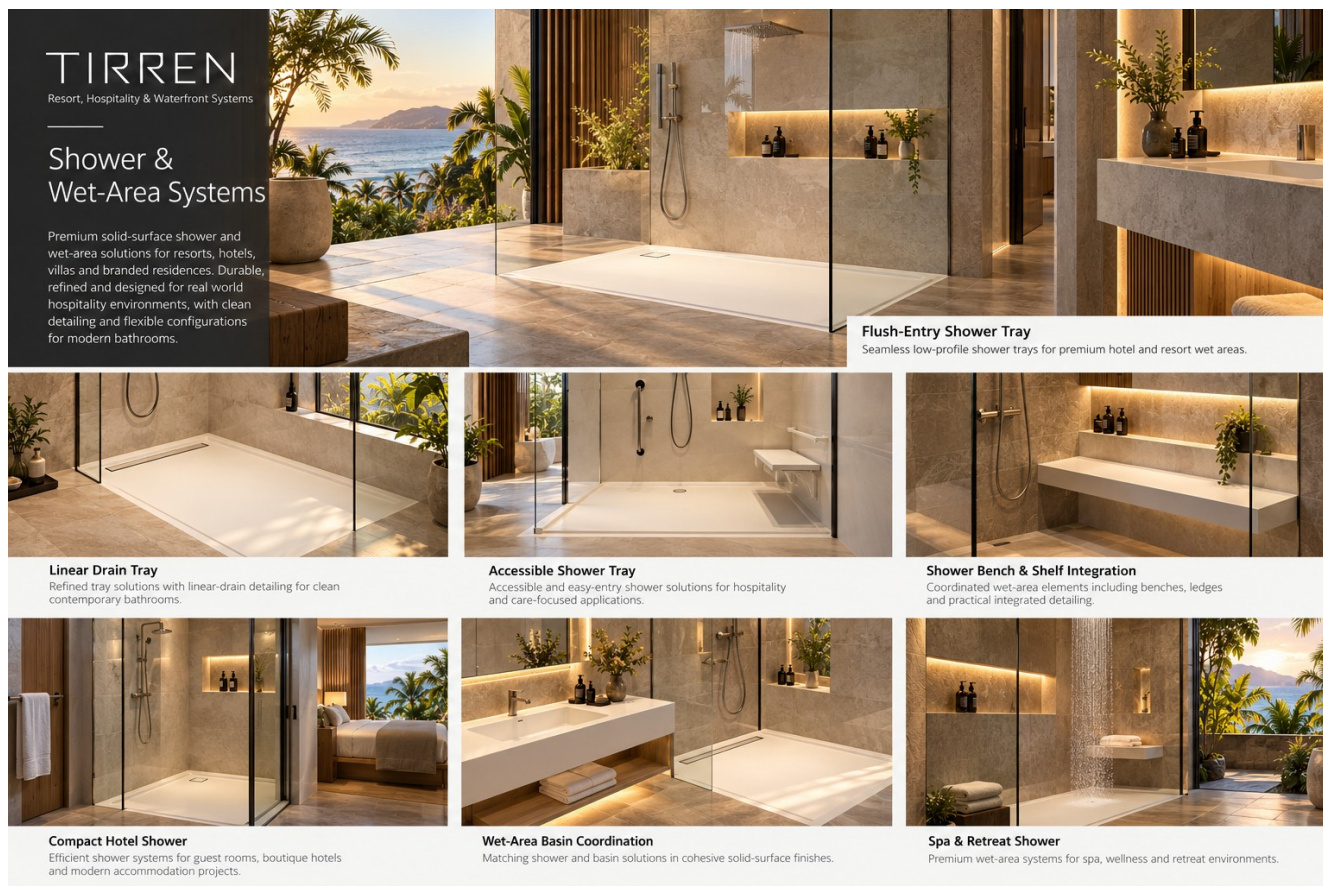
- Reference internal dimensions shown: 1600 x 803 mm for the 1650 size and 1730 x 870 mm for the 1780 size.
- The current installation guide calls for at least 65 mm below the bath for the drainage device.
- Where clearance is insufficient, the guide illustrates either raising the installation plane or forming an approximately 50 mm recess for the drainage device.
- After installation, fill to the overflow and drain while inspecting waste connections for leaks.
- Reference dry weights do not include water or occupant load; project floor design remains separate.

REFERENCE STATUS

These two configurations are for planning and technical coordination. The installation manual does not identify their exact supplier model numbers, so they are not represented as the complete final TIRREN bath range.

07 · SHOWER & WET AREAS

A real installation pathway - exact tray range still pending.



1. Set out the shower-tray position and verify the wall/floor corner.
2. Prepare the reference 5 x 5 inch opening in the subfloor for the drain.
3. The current guide shows a 2 inch PVC waste pipe extending above the subfloor to suit the drain and tray height.
4. Install the shower drain as a separate component.
5. Position the tray around the waste interface and verify that the tray is level and properly supported.
6. Seal the perimeter joint between the shower base and surrounding finish with suitable caulk/silicone.

DO NOT INFER

The generic guide does not establish final tray dimensions, drain location, slip classification, drainage capacity, support/load rating or product certification. These remain tied to the exact model.

Reception, bar & counter systems are project-built.

RECEPTION DESKS Curved or linear solid-surface desks developed from project geometry, staffing, service openings and transport constraints.	CONCIERGE COUNTERS Compact arrival/service points coordinated with equipment, storage and accessible counter-height requirements.
BAR & F&B COUNTERS Guest-facing solid-surface tops and fronts coordinated with cabinetry, equipment, service penetrations and back-of-house requirements.	RESTAURANT TABLES Project-specific table sizes, shapes, support systems and finishes for repeated hospitality use.
COMMERCIAL COUNTERTOPS Long counters and service surfaces with cut-outs, corners, splashbacks and cabinetry interfaces.	TRANSPORT SECTIONS Large components may require seam planning and sectional transport; joint strategy is resolved in shop drawings.

Repeatable surface packages for villa and residence programmes.

WORKTOPS

Long custom worktops coordinated with cabinetry, appliances, wall finishes and service cut-outs.

ISLANDS

Waterfall-edge and standard island pathways with seating, service and transport-section review.

INTEGRATED SINKS

Seamless sink/worktop options where product geometry, drainage and maintenance access suit the project.

PENINSULA COUNTERS

Compact kitchen/social surfaces for suites, serviced apartments and resort villas.

REPETITION ADVANTAGE

For repeated residences, approve one controlled kitchen type and release by unit/floor/building schedule rather than treating each room as a separate custom order.

Capability beyond standard sanitary products.

TRANSLUCENT FEATURES Backlit solid-surface panels and illuminated features where the material, lighting and support system are technically suitable.	RETAIL & DISPLAY Shelving, product plinths, displays and merchandising fixtures developed from the brand/interior brief.
COLUMN CLADDING Curved cladding and column treatments with joints, supports and maintenance access resolved in detailing.	CUSTOM FURNITURE Hospitality furniture, communal tables, charging furniture and other project-specific solid-surface pieces.
PLANTERS & SILLS Custom planter/flower-pool forms and window-sill pathways where the exposure and support conditions suit the material.	PROJECT FABRICATION Geometry, fire-performance requirements, electrical interfaces, supports and transport constraints are assessed per project.

Create a controlled finish library before repeated production.

The current selected basin schedule supports matte white and, on selected formats, glossy white. Broader colour, stone and marble-pattern pathways should be added only after the exact material library, sample references and production tolerances are confirmed.

APPROVAL SAMPLE Use a physical reference sample to lock colour, pattern, sheen and tactile finish before mass production.	BATCH CONTROL Repeated rooms should be produced from controlled batches where practical to reduce visible variation.
EDGE + SEAM STANDARD Edge profiles, returns, upstands, splashbacks, seam positions and finish method belong in the approved shop drawing.	REPAIR EXPECTATION Operator-facing repair/refinishing expectations should be understood before highly exposed surfaces are selected.

Specify the operating method as well as the product.

Condition	Recommended Pathway	Control
Routine cleaning	Mild detergent or warm soapy water with a soft sponge or non-scratch pad.	Wipe spills promptly.
Tougher marks	Diluted mild abrasive cleaner applied with a soft cloth / non-scratch method.	Avoid aggressive chemicals.
Light scratches	Controlled buffing or sanding with appropriate fine-grade material.	Follow approved repair method.
Deeper scratches / small chips	Progressive sanding from coarser to finer grades.	Repair by trained personnel where appearance is critical.
Strong chemicals	Avoid strong acidic or alkaline cleaners; keep drain-cleaning chemicals off the surface.	Check product guidance before use.

WARRANTY POSITION

Manufacturer warranty wording has been received, but TIRREN does not publish it as an Apollo/TIRREN warranty until the commercial back-to-back warranty position is formally agreed. Project warranty terms must be confirmed in the quotation/contract.

Only claim what belongs to the selected model.

SELECTED WASHBASINS

Model-specific plumbing-listing documentation is held for selected solid-surface lavatories to CSA B45.5-22 / IAPMO Z124-2022. Current listing status is checked before issue.

SHOWER TRAYS

Installation guidance is documented. Exact model dimensions, slip performance, load/support data and certification remain pending.

TAPWARE

A broad coordinated range is under evaluation. WaterMark/WELS claims remain on hold until certificate/licence and exact covered-model schedules are verified.

CUSTOM FABRICATION

Evidence requirements are determined by application: fire, structural, electrical, sanitary, accessibility or other project-specific criteria may apply.

EVIDENCE RULE

A logo, catalogue statement or certificate from a related product is not used as proof for another model. The project submittal should contain only evidence that matches the selected product and intended destination.

A complete submittal should make approval easy.

7. Cover sheet: project, client, consultant, contractor, destination, issue date and revision.
8. Product schedule: TIRREN code, description, room type, quantity, finish and status.
9. Dimensioned product drawings and relevant installation details.
10. Tap-hole, waste, overflow, drain and service-interface information.
11. Wall, cabinet, floor, support or fixing requirements.
12. Applicable model-specific third-party product documentation.
13. Finish / material sample record and mock-up status.
14. Shop drawing register and revision status.
15. Packaging, labelling and staged-delivery plan.
16. Maintenance / O&M information and final responsibility matrix.

Approve one room type before mass production.

Approval Item	Record
Room type	[Standard Room / Suite / Villa / Accessible / Public WC / Other]
Basin / vanity	TIRREN code, size, tap holes, waste, overflow, finish, support
Bath / tray	Reference or final model, dimensions, waste position, access
Cabinet interface	Finished height, clearances, fixing wall, service access
Finish sample	Reference code / signed physical sample / approval date
Drawing status	Shop drawing number + revision
Mock-up outcome	Approved / Approved with comments / Revise and resubmit
Authorised approval	Name / role / signature / date

CONTROL POINT

Production should not proceed on repeated room types until the approved mock-up, drawing revision and finish reference are aligned.

Make site distribution part of the supply plan.

For hotel and multi-building projects, packaging should be capable of following the construction sequence rather than arriving as one undifferentiated container load.

Label Field	Recommended Format	Example
Project	Project code + short name	HSP-041 · Coral Bay Resort
Building / Zone	Building, wing or villa cluster	B02 · East Wing
Floor / Level	Level or delivery zone	L05
Room / Unit	Room, suite or villa number	R0518
Product	TIRREN code + item description	B1500 · Long Vanity Basin
Quantity	Pack quantity	1 of 1
Drawing	Approved shop drawing / revision	TV-0518-02 · Rev C
Handling	Fragile / heavy / orientation / forklift	HEAVY · KEEP UPRIGHT

- Separate fragile/heavy products from routine cartons where handling risk differs.
- Keep room/floor/building identifiers visible on at least two faces of the package.
- Use packing lists that can be reconciled against the room schedule and staged delivery.
- Photograph finished packs and labels before container loading on larger project shipments.

Build a library that stays usable after the first project.

Document Type	Recommended Naming Rule	Example
Product CAD	TIRREN_[CODE]_[VIEW]_[REV].dwg	TIRREN_B1500_PLAN_R01.dwg
Product Revit	TIRREN_[CODE]_[TYPE]_[REV].rfa	TIRREN_B1500_BASIN_R01.rfa
Shop Drawing	[PROJECT]_[ROOM/ZONE]_[ITEM]_[REV].pdf	CBR_R0518_VANITY_RC.pdf
Submittal	[PROJECT]_TIRREN_SUBMITTAL_[ISSUE].pdf	CBR_TIRREN_SUBMITTAL_02.pdf
Finish Sample	[PROJECT]_[MATERIAL]_[SAMPLE].jpg	CBR_WHITE-MATTE_S01.jpg
O&M	[PROJECT]_TIRREN_OM_[REV].pdf	CBR_TIRREN_OM_R01.pdf

REVISION CONTROL

Do not overwrite approved files with new geometry. Issue new revisions and keep the approval trail visible in the document register.

18 · RESPONSIBILITY MATRIX

Supply scope and project-side scope must stay clear.

Workstream	TIRREN / Apollo	Project-side responsibility
Product selection	Coordinate product pathway and supply proposal.	Confirm design intent, quantity, room type and acceptance criteria.
Product drawings	Provide available product data / shop drawings where agreed.	Review, coordinate and approve against project documents.
Site dimensions	Use dimensions issued to the supply package.	Site measure, set-out, tolerances and final construction dimensions.
Wall / floor support	Provide product-specific support information where available.	Structural / substrate design and suitable construction.
Plumbing / drainage	Provide product interface information.	Local design, code compliance, connection and testing.
Waterproofing	Coordinate product interface information.	Design and install the waterproofing system.
Installation	Supply-only unless separately agreed.	Qualified installation and site supervision.
Statutory approvals	Provide applicable product evidence.	Project approvals and authority acceptance.

Send the brief before every detail is resolved.

PROJECT BASICS Destination, project name, programme, client, consultant, contractor and procurement route.	ROOM SCHEDULE Room types, counts, accessible-room count, public washrooms, villa types and F&B/public zones.
DRAWINGS Plans, elevations, sections, bathroom layouts, kitchen layouts, counter geometry and services.	PRODUCT INTENT Preferred basin/bath/tray types, finish direction, tapware concept, accessibility requirements and operator standards.
LOGISTICS Port/site destination, container access, staging, building/floor/room labelling and delivery sequence.	APPROVAL Samples, mock-up room, shop drawings, compliance evidence and target production-release date.

What can be specified now.

Category	Current Status	Public / Project Use	Main Gap
Washbasins	Strong	Selected sizes, finishes and installation pathways; model-specific evidence controlled.	Current listing verification + exact model drawings.
Vanity cabinets	Good	General wall / reinforcement / fixing pathway.	Exact cabinet models and fixing data by configuration.
Bath systems	Reference	1650 mm and 1780 mm planning geometry, weights and installation guidance.	Exact model mapping + full bath product schedule.
Shower trays	Partial	General six-stage installation pathway.	Exact model range, dimensions, slip/load/drainage data.
Maintenance	Good	Cleaning and refinishing guidance.	Commercial warranty alignment.
Tapware	Hold	Internal range structure only.	WaterMark certificate/licence, exact covered models and WELS data.

NEXT DATA GATE

When the outstanding bath, tray, bracket, WaterMark and WELS data arrives, update the technical library by exact model rather than changing the overall TIRREN system architecture.