A SEMI-CUSTOM BENCH SYSTEM BY DM BRAUN

BraunMark

PRODUCT & SPECIFICATION GUIDE

TECHNICAL REFERENCE

CONTENTS

TABLE OF CONTENTS

ABOUT THIS GUIDE

BraunMark is a semi-custom bench system built on two independent decisions: choose the bench type for your site condition, then design the surface: wood, board pattern, and details. The steel frame is pre-engineered per bench type; the surface applies universally across all three.

Rather than a fixed catalog of lengths and radii, BraunMark is dimensioned per project within the published structural limits. This guide carries that process from design development through construction documents, and covers materials and finishes, anchoring and installation, the recommended specification process, and care and warranty.

Written for landscape architects, specification writers, and project teams.

THE SYSTEM OVERVIEW

01 · STRUCTURE

Pre-engineered steel frames, brackets, and hardware. Specific to each mounting condition. Engineering limits documented; no per-project structural engineering required within published parameters.

02 · SURFACE

Wood type, board pattern (profile + orientation), edge profiles and optional armrests or skirting. Applies universally across all three bench types. All boards are field-removable and replaceable.

WHAT IT IS / HOW IT WORKS

The control of custom.
Without the coordination of custom.

Catalog benches are fast, but fixed dimensions rarely match a designed site. Full custom resolves the geometry, but adds submittals, shop-drawing revisions, RFIs, and detailing. BraunMark fills the gap between the two.

Specify to the actual site: your dimensions, mounting condition, and radius, all in premium woods. The fabrication process behind it stays simple and consistent, so shop drawings come back ready and coordination stays contained.

STRUCTURE FIRST, SURFACE SECOND

Step 1 — Choose the bench type. The steel structure is pre-engineered for the site condition.

Step 2 — Design the surface. Wood, board pattern, edge profile, layout, form, length, and optional armrests and skirting are your call; the full pattern library is available across most configurations.

WHERE BRAUNMARK FITS

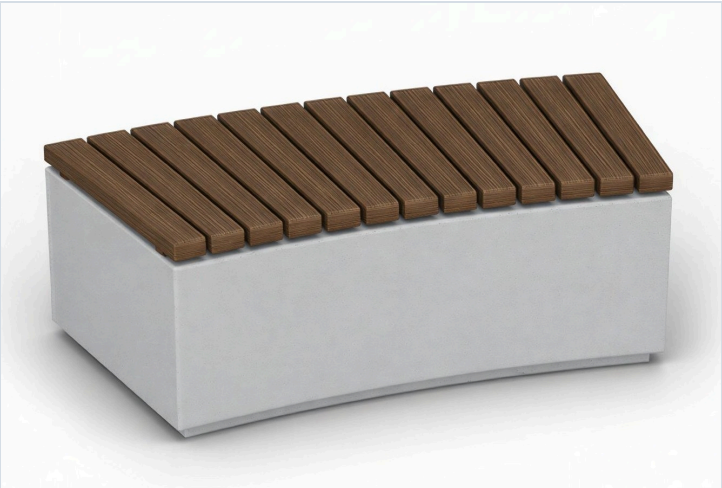
CONSIDERATION	CATALOG PRODUCT	BRAUNMARK	FULL CUSTOM
Sizes & Shapes	Fixed catalog options	**Configured per project within engineered limits**	Anything, no limits
Design Flexibility	Little	**Full freedom within the system**	Complete design freedom
Design Combinations	Limited, fixed SKU count	**Thousands, from a finite set of decisions**	Unlimited
Lead Time	Varies by manufacturer	**Faster than full custom; parts stocked or ready to build**	Unpredictable
Coordination Effort	Low	**Minimal design and fabrication coordination required**	High
Cost	Lower (different product class)	**Materially lower than comparable full custom**	Highest

Cost savings come from design and fabrication efficiency, not reduced quality.
Same materials, engineering, and finishing as fully custom; lower coordination cost all around.

YOUR SURFACE DESIGN OPTIONS

DESIGN ELEMENT	OPTIONS
Board Pattern	Ten board patterns combining profile and orientation
Layout	Straight or curved, following site geometry
Form	Backless, backed, or backrest only
Wood	Ipe, Kebony, or Accoya
Edge Profile	Four standard edge profiles, with the option to design a custom profile for your project
Armrests & Skirting	Optional features to set the design apart

CWB-26S-ST-BE-K



SWB-24S-CU-BB-K

3 BENCH TYPES

3 WOOD OPTIONS

10 BOARD PATTERNS

10 YEAR WARRANTY

MADE IN CALIFORNIA
Designed, fabricated, and finished by DM Braun

HOW TO SPECIFY

BraunMark is specified in two phases: **Schematic Design and Design Development (SD/DD)**, then **Construction Documents (CDs)**. Use the product code through SD/DD; bring DM Braun in before CDs to generate the project-specific detail.

PHASE 1 · SCHEMATIC DESIGN / DESIGN DEVELOPMENT

Use the Product Code.

The five-part code captures all early-stage design decisions, enough to hold a spot in the furniture schedule, establish a budget, and communicate intent to the project team. Dimensions can be shown in planview or included in item notes.

PHASE 2 · CONSTRUCTION DOCUMENTS (CDS)

Contact DM Braun. We build the detail.

At the CD phase, submit your product code(s) along with exact dimensions, substrate conditions, and any project-specific requirements. DM Braun generates a project-specific detail sheet covering length, anchor layout, board pattern, leg spacing, armrest locations, and all remaining options. Spec note references the code and the detail.

ANATOMY OF A PRODUCT CODE · USED AT SD/DD

SWB — 23L — ST — BB — K

BENCH TYPE	BOARD PATTERN	LAYOUT	FORM	WOOD
SWB · Seatwall	Profile (22/23/24/26/32)	ST · Straight	BB · Backless	K · Kebony
CWB · Cantilever	+ orientation	CU · Curved	BE · Backed	I · Ipe
GMB · Ground-Mounted	L = long · S = short		BRO · Backrest Only	A · Accoya

CODE EXAMPLES

SWB CONFIGURATION

SWB-23L-ST-BB-K

Seatwall Bench · 23L pattern · Straight · Backless · Kebony.

GMB CONFIGURATION

GMB-26S-CU-BB-I

Ground-Mounted Bench · 26S pattern · Curved · Backless · Ipe.

WHAT STAYS OUTSIDE THE CODE

DETAIL OPTIONS · RESOLVED AT CDS

Edge profile, armrest type and location, skirting, leg style (GMB), exact length, and anchor spacing are not encoded in the product code. They are specified on the project-specific detail sheet generated by DM Braun at the CD phase. The spec note references both the code and the detail number.

SPEC NOTE MODEL

```
BraunMark [product code]. See detail [N]/[sheet] for dimensions,
anchoring information, and project-specific options.
```

WORKFLOW

01 — SD / DD · BUILD THE CODE

Select bench type, board pattern, layout, form, and wood. Place the product code in the furniture schedule and plan notes. Reference SHT 04 through 12 for engineering limits, pattern availability, and configuration options. Code is sufficient for budget, coordination, and LA/owner review.

02 — PRE-CD · CONTACT DM BRAUN

Submit product code(s), confirmed dimensions, substrate conditions, and any detail options, edge profile, armrest type and location, skirting, GMB leg style. DM Braun generates a project-specific detail sheet ready for the plan set.

03 — CDS · CODE + DETAIL IN SET

Spec note cites product code and references the DM Braun detail by sheet and number. Detail governs dimensions, anchor layout, board pattern drawing, and installation requirements. No field judgment required.

HOW WE SUPPORT YOUR PROJECT · DESIGN DEVELOPMENT THROUGH INSTALLATION

DD
DESIGN DEVELOPMENT
Standard details showing how BraunMark integrates with seatwall, wall, and anchor conditions.

CD
CONSTRUCTION DOCUMENTS
Site-specific details with anchoring notes and MasterFormat specification language for your set.

FAB
FABRICATION
Clear shop drawings, reviewed against your CD set before fabrication.

INST
INSTALLATION
Installation guide delivered directly to your contractor.

START THE CD CONVERSATION

(714) 674-0855

dmbraunco.com/contact

SWB · SEATWALL BENCH

SWB

Seatwall Bench

BENCH TYPE
SWB
01 / 03

WHAT IT SOLVES

The only bench in the system that mounts directly to a seatwall. When the wall is already part of the design or the existing site, the SWB mounts on top. The wall carries the structural load, with no legs, no independent footing, and no visual interference with the seatwall geometry. Straight and curved configurations follow the wall geometry without compromise.

SWB-23L-ST-BE-K

CONFIGURATION AVAILABILITY

FORM	L-STR	S-STR	L-CURV	S-CURV
BB · Backless	●	●	●	●
BE · Backed	●	●	○	○
BRO · Backrest Only	●	●	○	○

KEY DESIGN CRITERIA

PARAMETER	LIMITATIONS
Seat Depth	17.5" standard (backed); no limit (backless)
Seat Length	No limit continuous; typical max 8' / section
Radius	Varies by board pattern, see Sht 08

FORM · BB

BACKLESS

Mounts directly to a flat concrete seatwall. Clean, low-profile assembly suited to sightline-sensitive applications where the wall reads as the dominant element.

FORM · BE

BACKED

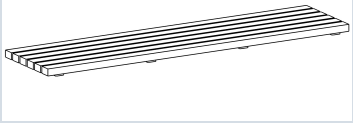
Full bench with integrated backrest. Comfort and permanence on a concrete seatwall. Straight configurations only, not available curved.

FORM · BRO

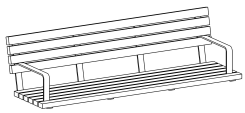
BACKREST ONLY

Retrofits to an existing concrete seatwall. Same engineered backrest component as SWB-BE and CWB-BE. Straight only.

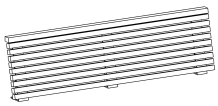
EARLY-STAGE CONFIGURATIONS — SEE SHT 03 FOR CODE ANATOMY.



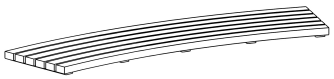
PRODUCT CODE
SWB-23L-ST-BB-K
23L pattern, Straight, Backless



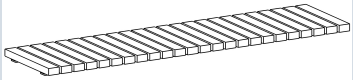
PRODUCT CODE
SWB-23L-ST-BE-K
23L pattern, Straight, Backed



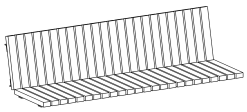
PRODUCT CODE
SWB-23L-ST-BRO-K
23L pattern, Straight, Backrest Only



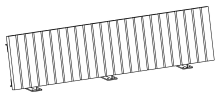
PRODUCT CODE
SWB-23L-CU-BB-K
23L pattern, Curved, Backless



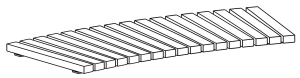
PRODUCT CODE
SWB-23S-ST-BB-K
23S pattern, Straight, Backless



PRODUCT CODE
SWB-23S-ST-BE-K
23S pattern, Straight, Backed



PRODUCT CODE
SWB-23S-ST-BRO-K
23S pattern, Straight, Backrest Only



PRODUCT CODE
SWB-23S-CU-BB-K
23S pattern, Curved, Backless

CWB · CANTILEVER WALL-MOUNTED BENCH

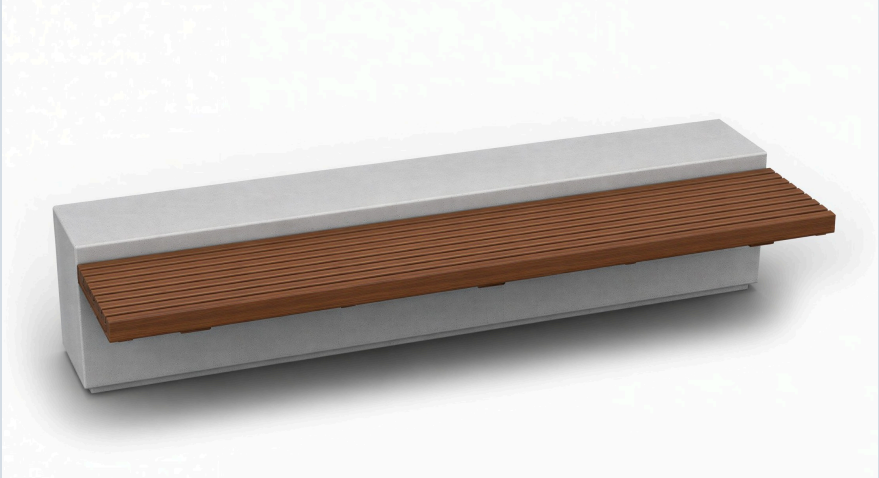
CWB

Cantilever Wall-Mounted Bench

BENCH TYPE
CWB
02 / 03

WHAT IT SOLVES

The CWB cantilevers from a concrete or CMU wall with no legs and no footing, producing a built-in appearance that reads as part of the architecture, one no catalog piece can match. Its minimal visual footprint works well in tight or high-traffic spaces. Available straight only; curved configurations are not supported by the bracket geometry.



CWB-32L-ST-BB-I

CONFIGURATION AVAILABILITY

FORM	L-STR	S-STR	L-CURV	S-CURV
BB · Backless	●	●	○	○
BE · Backed	●	●	○	○

KEY DESIGN CRITERIA

PARAMETER	LIMITATIONS
Seat Depth	17.5" standard (backed); 23.5" max (backless), cantilever moment limit
Seat Length	No limit continuous; typical max 8′ / section
Radius	Not supported, straight only

FORM · BB

BACKLESS

Cantilevers from a concrete or CMU wall. No legs, no footing. Minimal visual footprint, works well in tight or high-traffic spaces.

FORM · BE

BACKED

Cantilevered bench with integrated backrest. The backrest is a separate engineered component mounted to the wall above the seat.

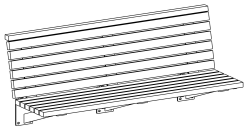
SUBSTRATE NOTE

CONCRETE · CMU REQUIRED

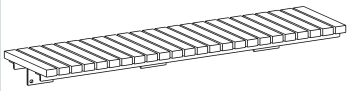
Requires concrete or fully grouted CMU wall. Confirm substrate before final specification, anchor specifications on Sht 12.

EARLY-STAGE CONFIGURATIONS — SEE SHT 03 FOR CODE ANATOMY.

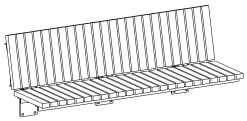
PRODUCT CODE
CWB-23L-ST-BB-K
23L pattern, Straight, Backless



PRODUCT CODE
CWB-23L-ST-BE-K
23L pattern, Straight, Backed



PRODUCT CODE
CWB-23S-ST-BB-K
23S pattern, Straight, Backless



PRODUCT CODE
CWB-23S-ST-BE-K
23S pattern, Straight, Backed

GMB · GROUND-MOUNTED BENCH

GMB

Ground-Mounted Bench

BENCH TYPE
GMB
03 / 03

WHAT IT SOLVES

The most versatile bench type. Works on an existing slab or embeds into a new footing; the above-grade frame stays the same either way, so the installation method becomes a site decision rather than a design decision. Straight or curved. The go-to when site conditions don't include a seatwall or wall anchor point.

GMB-22L-CU-BB-A

CONFIGURATION AVAILABILITY

FORM	L-STR	S-STR	L-CURV	S-CURV
BB · Backless	●	●	●	○
BE · Backed	●	●	○	○

KEY DESIGN CRITERIA

PARAMETER	LIMITATIONS
Seat Depth	17.5" standard (backed); no limit (backless)
Seat Length	No limit continuous; typical max 8′ / section
Radius	BB-Curved per Sht 08 limits

METHOD · A

SURFACE ANCHOR

Bolts to an existing or new concrete slab. No separate footing. Easier installation, easier removal. Works for both new construction and retrofits.

METHOD · B

POST EMBED

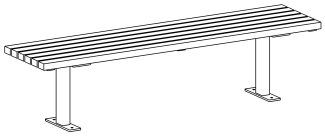
Set into new concrete footing. Permanent, robust, higher vandalism resistance. Best suited to new construction where long-term permanence is the priority.

SAME FRAME

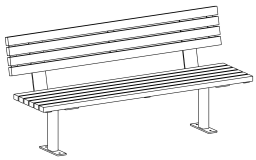
EITHER METHOD · SAME ABOVE-GRADE

Both methods use the same above-grade assembly. Wood, edge profiles, board count, and finished dimensions are identical. The installation decision can be deferred to site documentation.

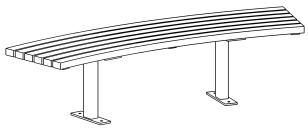
EARLY-STAGE CONFIGURATIONS — SEE SHT 03 FOR CODE ANATOMY.



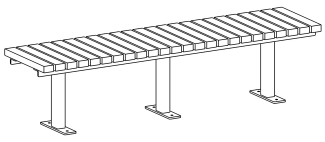
PRODUCT CODE
GMB-23L-ST-BB-K
23L pattern, Straight, Backless



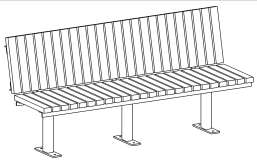
PRODUCT CODE
GMB-23L-ST-BE-K
23L pattern, Straight, Backed



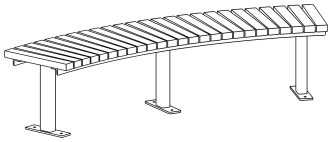
PRODUCT CODE
GMB-23L-CU-BB-K
23L pattern, Curved, Backless



PRODUCT CODE
GMB-23S-ST-BB-K
23S pattern, Straight, Backless



PRODUCT CODE
GMB-23S-ST-BE-K
23S pattern, Straight, Backed



PRODUCT CODE
GMB-23S-CU-BB-K
23S pattern, Curved, Backless

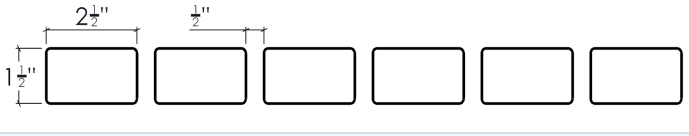
BOARD PROFILES, ORIENTATIONS & PATTERNS

5 PROFILES · 2 ORIENTATIONS · 10 PATTERNS

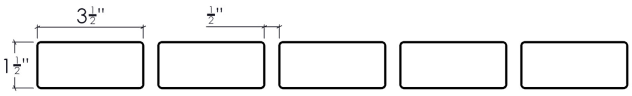
BOARD PROFILES

Five standard board profiles. Each identified by a two-digit code: first digit = height (H), second = width (W). Dimensions below are listed H × W. Custom profiles available on request.

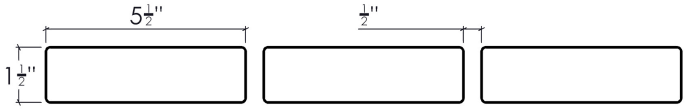
22 — 1.5"H X 1.5"W · STEP +2.0" PER BOARD



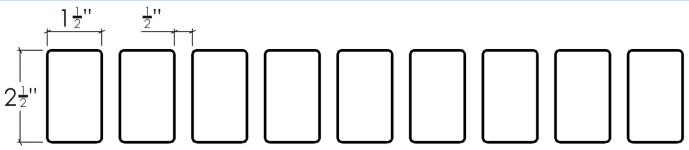
23 — 1.5"H X 2.5"W · STEP +3.0" PER BOARD



24 — 1.5"H X 3.5"W · STEP +4.0" PER BOARD



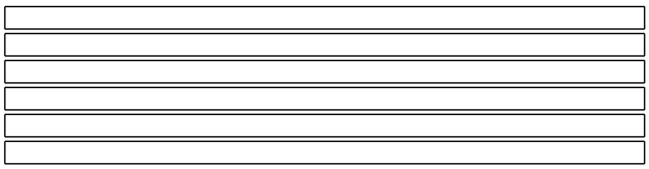
26 — 1.5"H X 5.5"W · STEP +6.0" PER BOARD



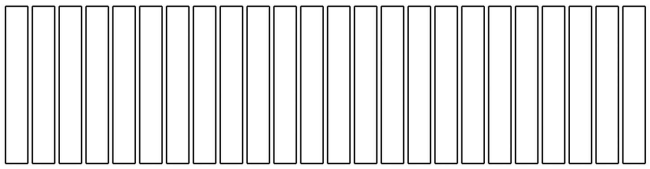
32 — 2.5"H X 1.5"W · STEP +2.0" PER BOARD

ORIENTATIONS

Each profile can be installed in two orientations relative to the bench length.



L · LONG AXIS — BOARDS PARALLEL TO BENCH LENGTH. SEAT DEPTH PER BOARD PATTERN.



S · SHORT AXIS — BOARDS PERPENDICULAR TO BENCH LENGTH. SEAT LENGTH PER BOARD PATTERN.

Patterns = Profile + Orientation

A pattern is the combination of a board profile and an orientation. The pattern code is what appears in the product code. There are 10 standard patterns. When specifying a BraunMark bench, the pattern is the second field in the product code.

22L Profile 22, Long axis	**23L** Profile 23, Long axis	**24L** Profile 24, Long axis	**26L** Profile 26, Long axis	**32L** Profile 32, Long axis
22S Profile 22, Short axis	**23S** Profile 23, Short axis	**24S** Profile 24, Short axis	**26S** Profile 26, Short axis	**32S** Profile 32, Short axis

EXAMPLE: PATTERN IN PRODUCT CODE

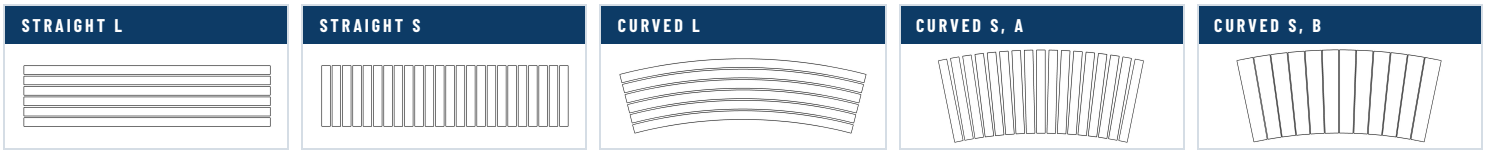
SWB-23L-ST-BB-K

The highlighted field is the **pattern**. It tells the fabricator the board cross-section (profile 23) and how the boards are oriented on the frame (L, long axis). Every product code includes a pattern as its second field.

CUSTOM PATTERNS

These 10 standard patterns cover the vast majority of project needs. Custom board profiles and pattern combinations can be developed on request. Contact DM Braun early in the design phase for custom pattern coordination.

CONFIGURATIONS & DIMENSIONS



STRAIGHT

All five profiles available in L and S orientations across SWB, CWB, and GMB. Length, depth, and board count determined per project.

CURVED

Available in L and S orientations. All radius values below refer to the minimum allowable radius. Specify a radius equal to or greater than the value shown.

CURVED L, MIN. OUTER RADIUS

MAX BENCH LENGTH	22L	23L	24L	26L
≤ 44.5"	5'	5'	6'	14'
≤ 58.5"	8'	8'	11'	22'
≤ 71.5"	10'	12'	16'	N/A

TIGHT <12' · MODERATE 12'-18' · GENTLE >18'

Curved L is available in profiles 22, 23, 24, and 26. For a curved bench in profile 32, use an S-orientation pattern (see Curved S, Method A).

CURVED S, METHODS A & B

METHOD A · TAPERED GAPS · BEST FOR LARGER RADII — 22S · 23S · 24S · 26S · 32S

Rectangular boards, tapered gaps. Lengths measured on the **inside radius edge** of the bench. Method A is often the best choice for gentle curves with larger radii.

PROFILE	MIN. R	CONDITION
22S / 32S	9'	Seat depth ≤ 24"
23S	11'	Seat depth ≤ 24"
24S	14'	Seat depth ≤ 24"
26S	20'	Seat depth ≤ 24"

METHOD B · CUSTOM-MILLED · BEST FOR SMALLER RADII — 24S · 26S

Trapezoidal boards, uniform 1/2" gap. Lengths measured on the **outside radius edge** of the bench. Method B is often the best choice for tighter curves with small radii.

PROFILE	MIN. OUTER R	CALCULATION
24S / 26S	Depth + 1'	e.g. 18" depth = 2.5' min

BOARD DIMENSIONS

Each additional board adds one board width plus a 1/2" gap. For L orientation this governs seat depth; for S orientation this governs bench length.

$$D = (N \times W) + ((N-1) \times 0.5")$$

- **D** Target dimension (inches)
- **N** Board count
- **W** Board face width

ANY DIMENSION IS VALID

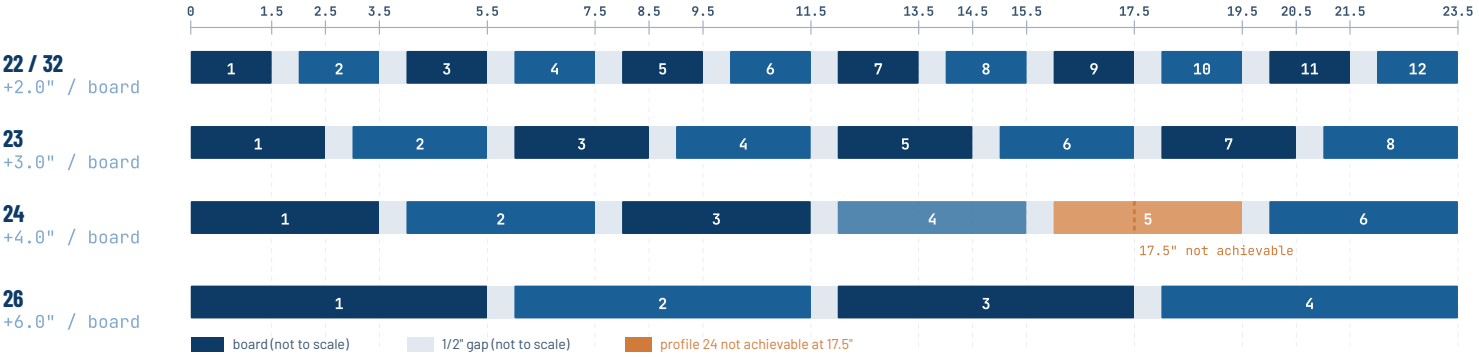
Each profile supports dozens of achievable dimensions in its step-size increments. Any dimension reachable by the formula is valid. Calculate your target, select the nearest available board count, and confirm with DM Braun before finalizing design.

PROFILE 24 AT 17.5"

17.5" is not achievable with profile 24. Nearest options are 15.5" (4 boards) or 19.5" (5 boards). All other profiles reach 17.5" exactly. This is why the 24L pattern is not used on backed benches.

HOW DIMENSIONS BUILD: 0" TO 23.5" (COMMON SCALE)

Numbers inside each bar = board count. All profiles on the same scale. Final bar for 22/32 shows 12 boards at 23.5".

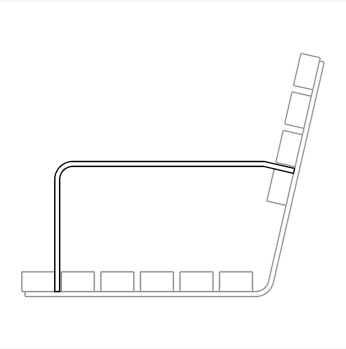


OPTIONS & ADD-ONS

ARMREST OPTIONS · TWO STANDARD

Armrest type 1 is available for backed SWB and GMB configurations only. Armrest type 2 fits nearly all configurations.

ARMREST · TYPE 1

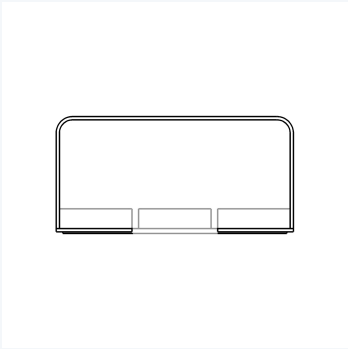


FRAME-WELDED ARMREST

Welded to the steel frame at factory. Fixed position, must align with frame support locations. Permanent, robust, fully integrated with the frame finish.

- Position fixed at support locations
- Only for backed benches, L orientation
- Factory-installed; not retrofittable
- Available on SWB · GMB

ARMREST · TYPE 2



BOARD-MOUNTED ARMREST

Screwed into the underside of the wood boards. Position is nearly unrestricted, independent of frame support layout. Field-retrofittable.

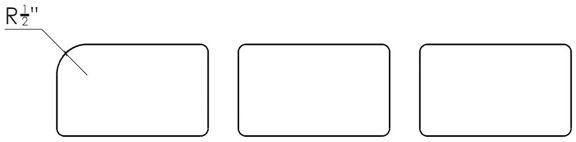
- Locate at almost any position
- Ideal for backless + accessibility
- Field-retrofittable
- Available on SWB · CWB · GMB

EDGE PROFILES · FOUR STANDARD

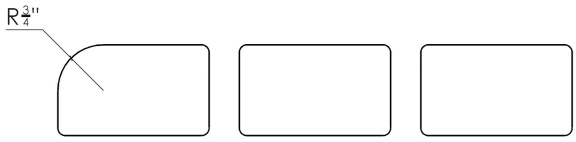
Edge profile is specified as part of the project detail at CD phase. Four standard radii are available on all board profiles.

E1 — 1/8" RADIUS

E2 — 1/4" RADIUS



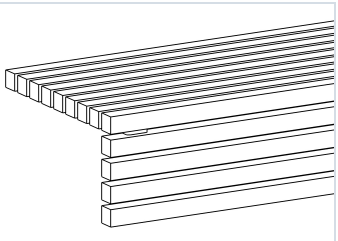
E3 — 1/2" RADIUS



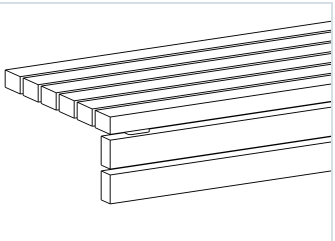
E4 — 3/4" RADIUS

SKIRTING DETAILS

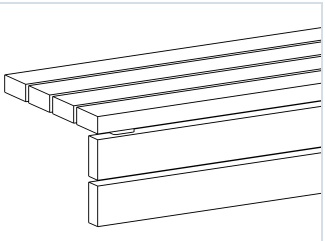
Wood skirting panels cover the front face and in some cases rear face of straight bench configurations. Skirting is available in profiles 22, 23, 24, and 26, in matching or non-matching board profiles, with flexibility on board quantity for high levels of customization. Reduces frame visibility and creates a more finished appearance. L orientation shown; S orientation available on request.



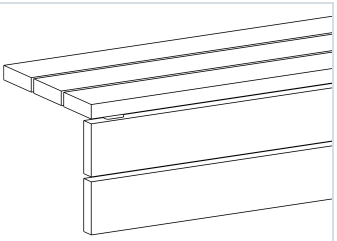
22L



23L



24L



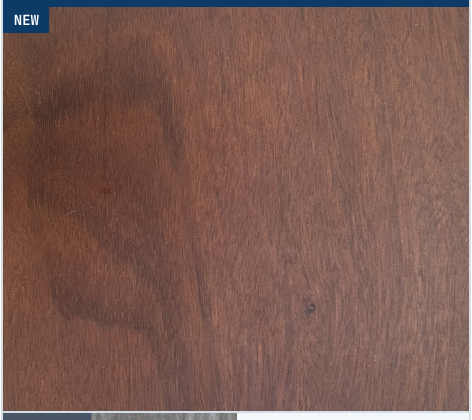
26L

WOOD SELECTION

Three woods are specified across the BraunMark system, each selected for outdoor commercial performance. Profile, pattern, edge, and finish are independent of the wood selected. All three are finished with a premium penetrating oil with UV protection; all three remain fully serviceable whether maintained or allowed to silver naturally.

IPE

NEW



SILVERED

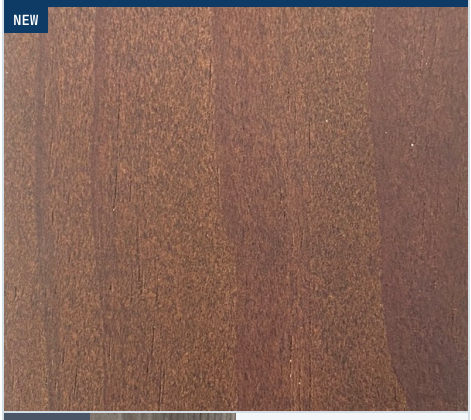
THE BENCHMARK

Dense tropical hardwood. The most proven and widely specified outdoor commercial wood. Deep warm brown tone. Slowest of the three to silver.

SPECIES	*Handroanthus spp.*
DENSITY	~68 lb/ft³
JANKA HARDNESS	~3500 lbf
TONE	Deep warm brown
FSC	On request

KEBONY

NEW



SILVERED

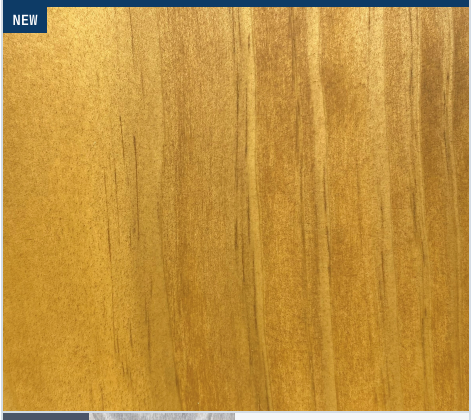
BALANCED CHOICE

Sustainably sourced softwood, chemically modified to hardwood-level performance. Lighter than Ipe with a rich warm brown tone and uniform grain.

SPECIES	*Modified P. radiata*
DENSITY	~38 lb/ft³
JANKA HARDNESS	~1620 lbf
TONE	Rich warm brown
FSC	On request

ACCOYA

NEW



SILVERED

THE LIGHT TONE

Acetylated softwood, exceptional dimensional stability and finish retention. Light, natural tone. Lightest weight of the three. Fastest to silver if left unfinished.

SPECIES	*Acetylated P. radiata*
DENSITY	~32 lb/ft³
JANKA HARDNESS	~920 lbf
TONE	Light, natural
FSC	Standard

SELECTION MATRIX

IF THE PROJECT NEEDS…	CONSIDER…
Most proven, widely accepted commercial tropical hardwood	**Ipe**
Sustainability and dimensional stability	**Kebony or Accoya**
Warm brown palette consistent across the site	**Ipe or Kebony**
Light or contemporary tone	**Accoya**

FINISHING & WEATHERING

STANDARD FINISH

All three woods finished with a premium penetrating oil with UV protection. Restores original tone and slows the silvering process.

NATURAL WEATHERING

Without maintenance, all three woods silver to a gray patina, often the intended design outcome. Checking and small surface cracks may appear over time. Weathering affects appearance only; structural performance and dimensional stability are unchanged.

MATERIALS & FINISHES

STEEL SPECIFICATION BY BENCH TYPE

SWB · 304 SS — STD

ALL-STAINLESS CONSTRUCTION

FRAME & COMPONENTS	All 304 SS
STANDARD FINISH	Hand-brushed
OPTIONAL FINISH	Powder coat on request

CWB · GMB SURFACE — STD

MILD STEEL + 304 SS PLATES

SUPPORTS	Mild · sandblast / epoxy / PC
CONCRETE INTERFACE	304 SS mounting plates
FINISH	Epoxy primer + powder coat

GMB EMBED — VARIANT

MILD STEEL INTO FOOTING

EMBED POSTS	Mild into concrete
ABOVE-GRADE	Sandblast / epoxy / PC
EMBED DEPTH	20" min
FOOTING	12" dia × 24" deep
SOIL/FROST	Project-specific

FINISH SYSTEMS

304 SS HAND-BRUSHED

ALL SWB STRUCTURAL MEMBERS

Brushed post-fabrication to remove heat discoloration and burs then degreased and cleaned. One coat Everbrite ProtectaClear applied after cleaning. No paint on exposed SS surfaces. Powder coat finish available on request.

SANDBLAST / EPOXY / POWDER COAT

MILD STEEL SUPPORTS, CWB & GMB

Sandblast clean, zinc-rich epoxy primer, then a superdurable powder coat top coat.

304 SS MOUNTING PLATES

CONCRETE INTERFACE, CWB & GMB SURFACE

All mounting plates at the concrete interface are 304 SS, sandblasted and powder coated as part of the assembly. The stainless plate isolates the mild steel supports from direct contact with the concrete substrate.

HARDWARE

All assembly and anchoring hardware is stainless steel.

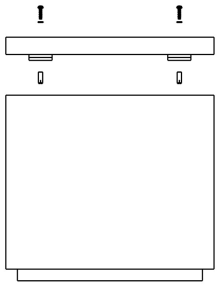
POWDER COAT COLOR REFERENCE

Reference DM Braun standard color chart for current powder coat color list. Available at **dmbraunco.com/braunmark**. Specify by color name. In addition, custom colors are available for many RAL colors.

INSTALLATION

BraunMark ships as complete assemblies with installation instructions and, where supplied, hardware. Anchoring method and substrate requirements vary by bench type. Use these references at the design stage to confirm site conditions.

SWB · SEATWALL



ANCHORING METHOD

Drop-in anchors into the top of a flat horizontal concrete seatwall. Anchoring hardware supplied by DM Braun.

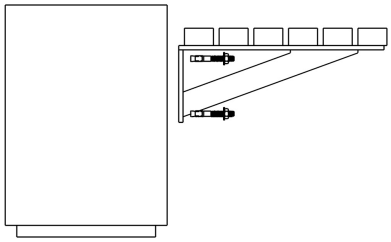
SUBSTRATE

Precast or cast-in-place concrete seatwall, **3,000 psi min**. Confirm wall width meets anchor edge-distance for the specified SWB form.

SHIPPING & ASSEMBLY

SWB configurations ship in assembled sections for relatively fast installation.

CWB · CANTILEVER



ANCHORING METHOD

Anchored to face of concrete or CMU wall using contractor-supplied wedge anchors or equivalent. Suggested minimum: **½" dia, 4" embedment**.

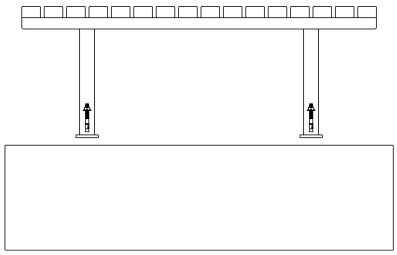
SUBSTRATE

Minimum **3,000 psi** concrete or fully grouted CMU. Verify edge distance from anchor to wall edges, and wall depth behind anchor adequate to develop full embedment given bracket steel thickness.

SHIPPING & ASSEMBLY

Brackets and bench ship assembled together. Backrest assemblies ship separate. Mount bench sections to wall first, then attach backrest to brackets.

GMB · GROUND-MOUNTED SURFACE ANCHOR



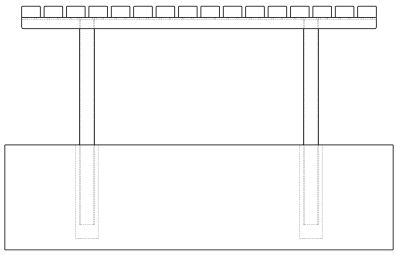
METHOD A · SURFACE ANCHOR

Bolts to existing concrete slab with contractor-supplied wedge anchors (or eq.). Suggested min: **½" dia, 4" embedment** into **3,000 psi** slab. Verify edge distance + embedment given base-plate thickness.

SHIPPING & ASSEMBLY

Above-grade assembly ships as one piece regardless of installation method.

GMB · GROUND-MOUNTED POST EMBED



METHOD B · POST EMBED

Steel posts embedded into new concrete footing. **20" min embedment**; min footing **12" dia × 24" deep 3,000 psi** footing, sized per soil/load. Footings shown are a baseline for typical compacted soil. Final footing dimensions, depth, and reinforcement shall be verified by the project's engineer of record and/or geotechnical engineer based on actual site soil conditions, seismic design category, and applicable loading. Larger or deeper footings may be required for poor, sandy, expansive, or sloping soils, or for elevated installations.

SHIPPING & ASSEMBLY

Above-grade assembly ships as one piece regardless of installation method.

COMMON TO ALL BENCH TYPES

TOOLS & DOCUMENTATION

No special equipment required. Rotary hammer drill along with basic tools for anchor installations into concrete. Complete installation instructions are included with the product when it ships.

CARE & WARRANTY

WOOD CARE

ROUTINE CARE

Monitor wood for the first 6 months after installation to address any rapid color changes caused by weather conditions. Wash surfaces with warm soapy water or mild detergent using a nylon brush. Rinse with clean water and allow to dry naturally. Avoid harsh cleaners or abrasives.

WOOD FINISHING (OPTIONAL)

To maintain original appearance, reapply penetrating oil finish as needed, typically every 1 to 2 years depending on exposure. Clean all surfaces first. Optionally light-sand with an orbital sander, vacuum, and wipe with a damp cloth before application. Allow wood to dry completely before applying fresh coats. Test all products on an inconspicuous area first.

REPLACEABLE BOARDS

All BraunMark boards are **field-removable and individually replaceable**. Replacement boards are available from stock in all woods and profiles. Only standard hand tools required and replacement will not damage concrete.

METAL CARE

POWDER COATED STEEL (CWB, GMB)

Clean powder coated surfaces using warm water and mild detergent with a soft cloth, sponge, or natural bristle brush. Avoid abrasive materials or chemicals. Periodically inspect for scratches, nicks, and other damage. In typical environments, annual cleaning is sufficient. For minor chips and blemishes, clean the area with a solvent-based degreaser, lightly abrade, apply a thin coat of suitable primer, followed by a matching top coat by brush or spray. Contact DM Braun to confirm compatibility between original finishes and repair materials. For significant damage exposing bare metal, contact DM Braun for repair instructions.

304 STAINLESS STEEL (SWB)

SWB frames are 304 stainless steel with a hand-brushed finish and a factory-applied coat of Everbrite ProtectaClear. For long-term care and to maintain the brushed appearance, periodically clean and reapply Everbrite ProtectaClear per the manufacturer's instructions. This clear protective coating prevents oxidation and discoloration of the stainless surface. Clean with warm soapy water before reapplication.

WOOD WEATHERING

Wood appearance will change over time, especially if not finished regularly. It is acceptable to allow the wood to patina (silver) naturally. Checking and small surface cracks may appear over time. Weathering and checking affect appearance only and do not impact structural performance or dimensional stability. Reduce end-checking by applying end sealer wax to board ends. All BraunMark woods remain fully serviceable whether maintained or allowed to silver.

WARRANTY COVERAGE

COMPONENT	WARRANTY
Steel frame and welds	10 years
Wood boards, structural	10 years
Stainless steel hardware	10 years
Powder coat, inland (5+ mi)	5 years
Powder coat, coastal (~2 mi)	3 years

Warranty values represent guaranteed minimums, not expected service life. Expected structural life of properly maintained BraunMark assemblies is significantly longer than the warranty period. Warranty covers defects in materials and workmanship under normal commercial outdoor use.

WARRANTY NOTES

Natural wood weathering, color variation, checking, and patina development are excluded from warranty and managed through routine care. Powder coat warranty excludes abrasion, vandalism, chemical exposure, and normal fading. Proper installation, adequate drainage, and routine maintenance are required. Full warranty documentation available on request.

BUILT ON 35+ YEARS OF FABRICATION

Engineered for decades. Built for the elements.

Premium materials, 304 stainless at every corrosion-critical interface, sandblast and superdurable powder coat on steel. Field-serviceable with replaceable boards. These are assemblies designed for long-term ownership with component-level service throughout.

BraunMark

A SEMI-CUSTOM BENCH SYSTEM

Engineered semi-custom seating for landscape architects and design teams. Three bench types, five board profiles, three premium woods, assembled in California for commercial outdoor applications.

MADE IN CALIFORNIA
DM Braun · Laguna Hills, CA · Since 1988

01 · REQUEST A QUOTE
PROJECT PRICING
dmbraunco.com/contact

02 · VIEW TECHNICAL INFORMATION
SPECS, DRAWINGS & DETAILS
dmbraunco.com/braunmark

03 · CONFIGURATION TOOL
EARLY-PHASE SPECIFICATIONS
dmbraunco.com/braunmark/configure/

04 · CONTACT US
DESIGN AND SALES
(714) 674-0855
info@dmbraunco.com

DESIGN-PHASE ASSISTANCE

Talk through configuration before submittal.

For curved layouts, atypical substrates, or non-standard board counts, contact us early. We can confirm constraints and provide preliminary drawings before product code is finalized.