



SP FABRICATION
& DESIGN

BESPOKE ARCHITECTURAL PLAYSAPES · 2026-2027 CALENDAR & COLLECTION

THE JUNIOR ATELIER

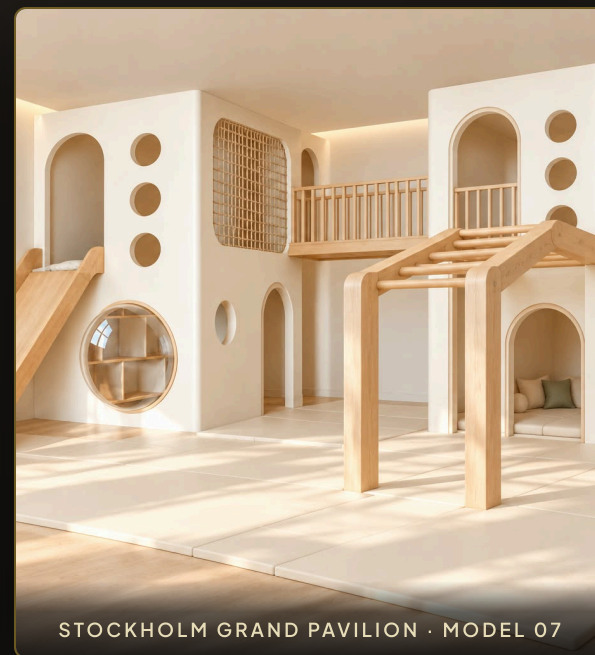
Where Architectural Integrity Meets the Wonder of Childhood Play



NORDIC GRAND ESTATE · MODEL 03



TIMBERLINE CULINARY VILLA · MODEL 01



STOCKHOLM GRAND PAVILION · MODEL 07

THE ARCHITECTURE OF CHILDHOOD

Elevating Indoor Play to Fine Architectural Artistry.

We believe children's spaces should enrich family life without compromising the elegance and aesthetic harmony of a luxury home.

Every creation in *The Junior Atelier Collection* is designed, engineered, and hand-built to order in our Cranford, New Jersey workshop. Founded on decades of expertise in high-end bespoke furniture and architectural millwork, our play lofts transcend ordinary toy structures to become permanent architectural features of the home.

We combine child developmental psychology—sensory exploration, spatial awareness, physical motor coordination, and imaginative role-play—with heirloom-grade materials and structural joinery. Designed in close collaboration with parents, interior architects, and discerning designers.

“Play is the highest form of research. Architecture is the art of giving that curiosity a safe, magnificent sanctuary to flourish.”

SP FABRICATION ATELIER · CRANFORD, NJ

OUR ARCHITECTURAL & CRAFTSMANSHIP STANDARDS

Engineered like permanent residential architecture—never like disposable toys.

01 Precision Structural Joinery & Child-Safe Edges

Engineered with internal heavy-duty structural steel gussets, concealed fasteners, and precision mortise-and-tenon framing tested to 1,000+ lbs multi-child structural capacity. Every exposed edge is meticulously radiused (>8mm smooth bullnose contour) with zero sharp corners, pinch points, or snag hazards for total play safety.

02 Bespoke Architectural Integration & White Glove Service

Every playscape is tailored to your exact room floorplan, wall alcoves, and ceiling clearance. Our dedicated in-house craftsmen manage nationwide turnkey delivery, room placement, professional structural wall/floor anchoring, and comprehensive site review—delivering an immediate, turn-key play sanctuary.

ASTM F1148
COMPLIANT

CPSC 16 CFR
CERTIFIED

1,000+ LBS
MULTI-CHILD
CAPACITY

TURNKEY WHITE-
GLOVE SERVICE



ARTISAN VILLA SERIES

MODEL NO. SPF-AV01

The Timberline Culinary Villa

Slatted Blonde Timber Playhouse with Integrated Gourmet Play Kitchen

ROLE-PLAY KITCHEN

ARCHITECTURAL SLATS

SCULPTURAL ARBOR

A breathtaking synthesis of modern Scandinavian architecture and imaginative role-play. The Timberline Villa features a vertical-slatted natural timber screen, tri-color arched portals in soft blush, azure, and pistachio sage, and a sculptural branching wooden tree arbor crowned with floating disc leaves. Beneath the upper mezzanine lies a fully equipped chef's bakery and kitchen with turning dials, oven, and subway tile backsplash.

ARCHITECTURAL & PLAY HIGHLIGHTS

- ♦ Vertical architectural slatted blonde timber facade with concealed fastening
- ♦ Integrated ground-level gourmet play kitchen with turnable dials & oven
- ♦ Cantilevered branching timber tree arbor with suspended pastel disc foliage
- ♦ Ergonomic launch slide with powder-blue protective side bolsters
- ♦ Concealed under-slide storage cubbies and interior secret reading den
- ♦ Multi-pane cottage arched and circular observation portals

TECHNICAL SPECIFICATIONS

BASE STRUCTURE DIMENSIONS
12' L x 5' W x 9' 0" H (366 x 152 x 274 cm)

MIN. CEILING CLEARANCE
9' 6" (2.90 m)

Slide adds +8' to length (Total Length:
20' / 610 cm)

RECOMMENDED AGE
2 – 9 Years

PRIMARY MATERIALS
Baltic Birch & Solid Poplar

Bespoke Options: Custom arch colors · Reversible slide orientation · Custom interior shelving · Lead Time: 5–8 Wks



NORDIC MODULAR SERIES MODEL NO. SPF-NV02

The Nordic Vista Tower & Helix

Curved Birch Architectural Tower with Burgundy Spiral Slide & Ball Pit

SPIRAL SLIDE **SENSORY WALL** **FLUSH DRAWERS**

A triumph of disciplined footprint optimization and sensory discovery. Designed for luxury apartments, penthouses, and residences where space is valued, this curved birch tower offers high vertical architectural engagement within a compact 7-foot footprint. An enclosed deep burgundy helical spiral slide delivers safe deceleration, while the ground level integrates a ball pit with under-bed storage drawers and an abacus sensory relief wall.

ARCHITECTURAL & PLAY HIGHLIGHTS

- ♦ Enclosed 360° helical burgundy spiral tube slide for thrilling, controlled descent
- ♦ Integrated ball pit base with pearl-white and eucalyptus-sage crush-proof balls
- ♦ Four pull-out flush storage drawers with minimalist circular finger-pulls
- ♦ Interactive tactile sensory wall: wooden abacus tracks, carved clouds & mushroom
- ♦ Circular observation bubble window and open portal with fabric pennant bunting
- ♦ Solid European birch climbing ladder with ergonomic non-slip hardwood rungs

TECHNICAL SPECIFICATIONS

FOOTPRINT (L x W x H) 7' L x 5' W x 9' H (213 x 152 x 274 cm)	MIN. CEILING CLEARANCE 9' 6" (2.90 m)
RECOMMENDED AGE 3 - 6 Years	PRIMARY MATERIALS Multi-ply Baltic Birch & Heavy-gauge Slide

Bespoke Options: Custom spiral slide colors (Navy, Forest, Ivory) · Custom sensory wall · Lead Time: 5-8 Wks



NORDIC MODULAR SERIES MODEL NO. SPF-NE03

The Nordic Grand Estate

Expanded Dual-Loft Play Estate with Monkey Bar Bridge & Climbing Ramp

MONKEY BARS ROCK CLIMBING WALL DUAL LOFTS

The ultimate architectural centerpiece for expansive luxury playrooms. Expanding the Nordic Vista platform into a multi-zone adventure estate, this magnificent installation links twin lofts via an overhead solid timber monkey bar skybridge. A broad angled rock climbing ramp builds gross motor coordination, while beneath lies a light-filled reading retreat with arched portals, low bench seating, and library shelving.

ARCHITECTURAL & PLAY HIGHLIGHTS

- ♦ Twin elevated play lofts connected by a heavy-duty timber monkey bar traverse
- ♦ Wide-angle rock climbing ramp featuring variegated natural stone-finish grips
- ♦ Signature deep-burgundy spiral helix tube slide for rapid, safe egress
- ♦ Grand ground-level archway lounge with built-in library bookcases & banquette
- ♦ Sunken ball pit with integrated storage drawers and padded perimeter borders
- ♦ Continuous multi-child weight rating exceeding 1,200 lbs structural capacity

TECHNICAL SPECIFICATIONS

FOOTPRINT (L x W x H)
16' 4" x 9' 8" x 8' 0" (498 x 295 x 244 cm)

MIN. CEILING CLEARANCE
8' 10" (2.70 m)

RECOMMENDED AGE
3 - 12 Years

PRIMARY MATERIALS
Solid White Oak, Birch & Cast Resin Grips

Bespoke Options: Custom room dimensions · Integrated under-loft LED cove lighting Lead Time: 5-8 Wks

ZONE A · MEZZANINE

Monkey Bar Traverse

Heavy-duty solid white oak suspension bridge connecting lofts for motor agility.

ZONE B · ASCENSION

Rock Climbing Wall

Angled ramp with multi-color ergonomic resin grips building strength & balance.

ZONE C · SANCTUARY

Library Arch Lounge

Expansive ground-level walk-through den with built-in bookshelves & seating.



BIOPHILIC BOTANICAL SERIES

MODEL NO. SPF-FO04

The Forest Observatory · Sage

Dual Fluted Cupola Domes with Incline Ramp Bridge & Wave Slide

DUAL DOMES

BOTANICAL SAGE

ACOUSTIC CANOPY

Celebrating biophilic architecture and organic forms, The Forest Observatory features twin curved towers crowned by slatted wooden dome cupolas that cast enchanting shadow patterns. A solid timber inclined bridge connects the upper lofts, complemented by a wave slide finished in soothing eucalyptus sage. Below, arched hideaways provide secret dens for imaginative play, paired with ceiling-hung acoustic felt leaves.

ARCHITECTURAL & PLAY HIGHLIGHTS

- ◆ Twin slatted wooden dome cupolas designed for ambient light play and ventilation
- ◆ Solid wood connecting mezzanine bridge ramp with protective handrails
- ◆ Contoured gentle wave slide with eucalyptus sage side bolsters and white run
- ◆ Multiple ground-level arched tunnel hideaways and secret crawl-throughs
- ◆ Convex circular observation porthole into the upper mezzanine tower
- ◆ Accompanied by custom suspended acoustic felt leaf ceiling baffles & pendants

TECHNICAL SPECIFICATIONS

FOOTPRINT (L x W x H)
15' 6" x 10' 4" x 8' 2" (472 x 315 x 249 cm)

MIN. CEILING CLEARANCE
9' 0" (2.75 m)

RECOMMENDED AGE
2 – 10 Years

PRIMARY MATERIALS
FSC Baltic Birch, Solid Ash & PET Felt

Bespoke Options: Custom dome rib colors · Matching tree wall art · In-tower reading nook · Lead Time: 5-8 Wks

FEATURE 01

Fluted Dome Cupolas

Architectural slatted birch domes designed for ambient light play & natural air circulation.

FEATURE 02

Inclined Bridge Ramp

Solid wood promenade connecting towers with full-height safety side balustrades.

FEATURE 03

Acoustic Leaf Canopies

Suspended sound-dampening PET felt foliage ceiling baffles and cylinder pendant lights.



BIOPHILIC BOTANICAL SERIES

MODEL NO. SPF-MP05

The Meadow Pavilion · Soleil

Curated Pastel Colorway featuring Warm Buttercup & Sky Azure Accents

BESPOKE COLORWAY

DUAL DOMES

SECRET CAVERNS

Demonstrating our bespoke color-tailoring service, The Meadow Pavilion presents our iconic dual-dome architecture in an uplifting palette of sunny buttercup and tranquil azure. Every surface is coated in a durable, scratch-resistant matte lacquer that is zero-VOC and food-grade safe. Clients and interior designers can specify any bespoke paint match from Benjamin Moore or Farrow & Ball.

ARCHITECTURAL & PLAY HIGHLIGHTS

- ♦ Custom two-tone pastel colorway: sky azure slatted dome and buttercup accents
- ♦ Elevated inclined promenade bridge connecting the observatory lofts
- ♦ Sculptural buttercup wave slide with ergonomic azure safety side walls
- ♦ Wall-mounted solid timber relief tree with matching pastel leaf discs
- ♦ Dual lower-level cavern retreats for cozy reading and imaginative refuge
- ♦ Custom color matching available to harmonize with any residential nursery palette

TECHNICAL SPECIFICATIONS

FOOTPRINT (L x W x H)
15' 6" x 10' 4" x 8' 2" (472 x 315 x 249 cm)

MIN. CEILING CLEARANCE
9' 0" (2.75 m)

RECOMMENDED AGE
2 – 10 Years

PRIMARY MATERIALS
Premium Birch Core & Catalyzed Waterborne Finish

Bespoke Options: Custom Benjamin Moore / Farrow & Ball match · Lead Time: 5-8 Wks
Reverse orientation

COLORWAY

Azure & Buttercup

Vibrant designer palette in zero-VOC matte lacquer bringing natural warmth and light.

WALL ART

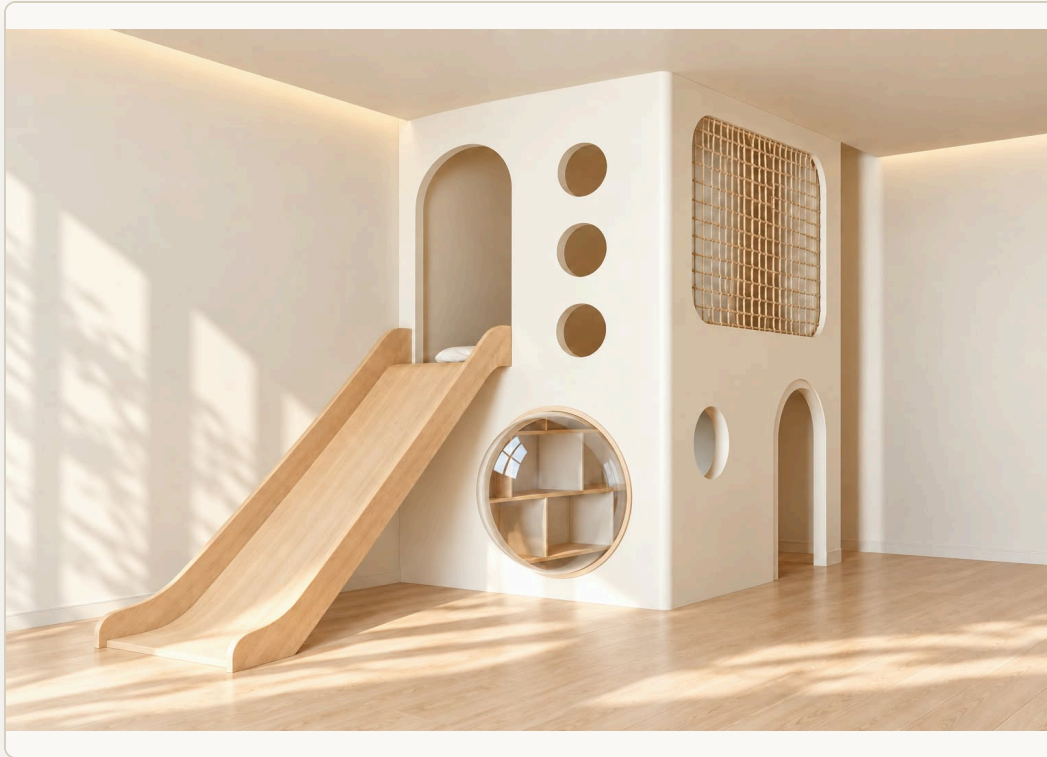
Integrated Tree Relief

Matching wall-mounted timber tree motif with two-tone sculptural foliage panels.

CIRCULATION

Secret Crawl Tunnels

Arched ground-level passages for exploratory crawling and cozy hide-and-seek.



SCANDINAVIAN SERIES

MODEL NO. SPF-SC06

The Stockholm Cloud Studio

Modernist White Play Loft with Convex Bubble Bookshelf & Rope Netting

BUBBLE BOOKSHELF

ROPE NET MEZZANINE

BEECHWOOD SLIDE

A masterclass in modern architectural serenity. Crafted in satin warm-white lacquer paired with natural European beech, the Stockholm Studio features an iconic convex acrylic bubble dome that houses an integrated six-cell radial library—a magical reading portal. The upper sleeping and play mezzanine is secured with hand-knotted organic rope netting, paired with a solid beechwood wave slide.

ARCHITECTURAL & PLAY HIGHLIGHTS

- ♦ Architectural clear acrylic convex bubble reading dome with 6-compartment radial library
- ♦ Hand-knotted organic cotton safety rope net wall providing airy, luminous protection
- ♦ Solid European beechwood wave slide with raised ergonomic guide rails
- ♦ Triple circular peekaboo observation portals for whimsical visual connection
- ♦ Ground-floor arched sanctuary den with soft ambient cove-lighting channel
- ♦ Satin warm-white finish cleans effortlessly with warm water and mild organic soap

TECHNICAL SPECIFICATIONS

FOOTPRINT (L x W x H)

11' 8" x 7' 6" x 7' 10" (356 x 229 x 239 cm)

MIN. CEILING CLEARANCE

8' 6" (2.60 m)

RECOMMENDED AGE

2 – 9 Years

PRIMARY MATERIALS

Solid Beech, Warm-White Satin Core, Acrylic

SIGNATURE

Acrylic Bubble Library

Convex clear reading bubble housing an integrated radial 6-compartment wooden bookshelf.

SAFETY

Rope Safety Netting

Hand-knotted organic cotton cord balustrade offering luminous protection and ventilation.

DESCENT

Solid Beech Slide

Precision-milled natural European beechwood slide with smoothly curved safety side walls.

Bespoke Options: Integrated bunk bed conversion · Built-in bookshelf LED illumination

Lead Time: 5-8 Wks



SCANDINAVIAN SERIES

MODEL NO. SPF-SP07

The Stockholm Grand Pavilion

Dual-Tower Architectural Suite with Monkey Bars, Climbing Wall & Daybed

TWIN TOWERS

MONKEY BARS

DAYBED SANCTUARY

The ultimate expression of modernist Scandinavian play architecture. Twin warm-white towers are united by an overhead timber promenade bridge and an overhead solid wood monkey bar suspension traverse. The right wing features an angled rock climbing ramp with mineral-tone handholds, while below rests an arched daybed retreat with tailored floor cushions for reading and relaxation.

ARCHITECTURAL & PLAY HIGHLIGHTS

- ♦ Twin towers united by an elevated promenade balcony with timber spindle balustrade
- ♦ Heavy-duty solid hardwood monkey bar traverse for strength and coordination play
- ♦ Full rock climbing wall with custom-molded ergonomic neutral stone holds
- ♦ Ground-level daybed reading retreat complete with custom tailored floor cushions
- ♦ Integrated acrylic display sphere, rope safety netting, and solid wood slide
- ♦ Modular floor landing mat system engineered for multi-child safety

TECHNICAL SPECIFICATIONS

FOOTPRINT (L x W x H)
17' 6" x 10' 2" x 8' 0" (533 x 310 x 244 cm)

MIN. CEILING CLEARANCE
8' 10" (2.70 m)

RECOMMENDED AGE
3 – 12 Years

PRIMARY MATERIALS
Solid Beech, Baltic Birch, High-Density Cushions

Bespoke Options: Custom room dimensions · Bouclé or linen upholstered floor daybeds

Lead Time: 5-8 Wks

WING 01

Traverse & Rock Wall

Monkey bars overhead and full angled rock ascension ramp with natural stone holds.

CONNECTIVITY

Promenade Bridge

Elevated timber mezzanine walkway joining twin towers with vertical balustrade.

WING 02

Daybed Sanctuary

Arched ground-level lounge retreat featuring custom tailored floor cushions.



ENCHANTED FOREST SERIES MODEL NO. SPF-WC08

The Woodland Canopy Playscape

Architectural Treehouse with Halo LED Canopies, Sensory Ball Pit & Games

HALO LED LIGHTING KINETIC WALL GAMES CLOUD BALL PIT

An enchanting woodland haven engineered for sensory exploration and physical discovery. Sculpted timber tree columns branch upward into ceiling canopies crowned with warm, dimmable halo LED illumination. An organic foliage-cutout bridge joins the tree lofts, flanked by an angled toddler climbing ramp, a buttercup-yellow wave slide, and an organic cloud-shaped ball pit with interactive wooden kinetic wall games.

ARCHITECTURAL & PLAY HIGHLIGHTS

- ♦ Sculptural solid timber tree trunks with indirect halo LED ceiling wash lighting (2700K)
- ♦ Organic laser-cut foliage bridge connecting dual treetop lookout platforms
- ♦ Dual movement paths: star-grip toddler climbing ramp and sunshine wave slide
- ♦ Cloud-silhouette foam-padded sensory ball pit filled with pearl white spheres
- ♦ Interactive play elements: rotating wooden Tic-Tac-Toe matrix & kinetic marble track
- ♦ Low-voltage UL-listed lighting system with wall dimmer and wireless remote control

TECHNICAL SPECIFICATIONS

FOOTPRINT (L x W x H) 12' 4" x 8' 8" x 8' 4" (376 x 264 x 254 cm)	MIN. CEILING CLEARANCE 9' 2" (2.80 m)
RECOMMENDED AGE 18 Mos – 8 Years	PRIMARY MATERIALS Solid Birch, Hard Maple, UL-Listed LED, Foam

Bespoke Options: Custom halo light warmth · Additional sensory activity boards · Velvet mats

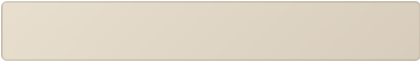
Lead Time: 5–8 Wks

MASTER COLLECTION COMPARISON MATRIX · 2026-2027

All models fully customizable in dimension, orientation, and wood species

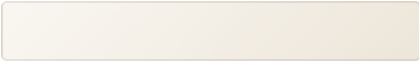
MODEL NAME & SERIES	FOOTPRINT (L × W × H)	MIN. CEILING	AGES	KEY ARCHITECTURAL ELEMENTS	LEAD TIME
01. The Timberline Villa Artisan Series	12' L × 5' W × 9' H (+8' slide extension)	9' 6" (2.90m)	2 – 9 yrs	Slatted timber, Gourmet kitchen, Branching arbor, Wave slide	5 – 8 Wks
02. Nordic Vista Tower Nordic Series (Studio)	7' L × 5' W × 9' H	9' 6" (2.90m)	3 – 6 yrs	Helical tube slide, Ball pit, Storage drawers, Sensory wall	5 – 8 Wks
03. Nordic Grand Estate Nordic Series (Estate)	16' 4" × 9' 8" × 8' 0"	8' 10" (2.70m)	3 – 12 yrs	Twin lofts, Monkey bar bridge, Rock wall, Ball pit, Lounge	5 – 8 Wks
04. Forest Observatory Biophilic Series (Sage)	15' 6" × 10' 4" × 8' 2"	9' 0" (2.75m)	2 – 10 yrs	Dual fluted domes, Incline ramp, Sage slide, Leaf acoustic panels	5 – 8 Wks
05. Meadow Pavilion Biophilic Series (Soleil)	15' 6" × 10' 4" × 8' 2"	9' 0" (2.75m)	2 – 10 yrs	Dual domes, Soleil/Azure custom lacquer, Wave slide, Tunnels	5 – 8 Wks
06. Stockholm Studio Minimalist Series (Studio)	11' 8" × 7' 6" × 7' 10"	8' 6" (2.60m)	2 – 9 yrs	Acrylic bubble library, Rope safety mesh, Solid beech slide	5 – 8 Wks
07. Stockholm Grand Pavilion Minimalist Series (Estate)	17' 6" × 10' 2" × 8' 0"	8' 10" (2.70m)	3 – 12 yrs	Twin towers, Monkey bar bridge, Rock wall, Daybed sanctuary	5 – 8 Wks
08. Woodland Canopy Enchanted Forest Series	12' 4" × 8' 8" × 8' 4"	9' 2" (2.80m)	18m – 8 yrs	Sculpted trees, 2700K halo canopies, Cloud ball pit, Tic-Tac-Toe	5 – 8 Wks

CURATED SUSTAINABLE MATERIALS & FINISHES GUIDE



Baltic Birch & Ash

Sustainably harvested multi-ply FSC birch core with solid blonde ash slats. Hand-rubbed organic matte wax oil.



Warm-White Satin Enamel

Zero-VOC catalyzed waterborne enamel. Stain-resistant, non-yellowing, and wipes clean with warm soapy water.



Biophilic Botanical Sage

Earthy sage and eucalyptus matte lacquer formulated without endocrine disruptors or toxic chemical VOCs.



Nordic Burgundy & Navy

High-impact, food-grade rotationally molded structural polymer components with built-in UV & scratch protection.

Bespoke Colorway Matching: We formulate finishes precisely matched to Benjamin Moore®, Sherwin-Williams®, or Farrow & Ball® palettes.

Over 3,000+ Custom Designer Colors



SP FABRICATION & DESIGN

THE BESPOKE COMMISSIONING JOURNEY · 2026-2027

From Initial Room Vision to Flawless In-Home Installation

01

SPACE CONSULTATION

We review your room dimensions, floorplans, ceiling clearances, and electrical provisions via virtual or in-home consultation to recommend ideal layouts.

02

3D CAD MODELING

Our architectural team develops photorealistic 3D scale renderings showing your chosen configuration, custom color palette, and bespoke features.

03

ARTISAN FABRICATION

Handcrafted in our Cranford, NJ workshop using CNC precision joinery, solid hardwoods, and hand-applied non-toxic organic finishes.

04

WHITE GLOVE DELIVERY

Turnkey nationwide delivery and in-room assembly by our factory craftsmen. Fully anchored, safety-certified, and ready for immediate play.

WORKSHOP & DESIGN ATELIER

SP Fabrication & Design LLC

216 North Ave East, Cranford, NJ 07016, USA

DIRECT CLIENT INQUIRIES

(516) 690-6232

info@sp-fabrication.com

ARCHITECT & TRADE INQUIRIES

sp-fabrication.com

Standard lead time: 5-8 weeks across all models

5-YEAR

STRUCTURAL GUARANTEE