PRODUCT SPECIFICATION

Item name	**MORRISON 42W ARMCHAIR (FABRIC)**		
Item code	**AXCACHMOR-CRW**	Cream White	NHF
	AXCACHMOR-MG	Mist Grey	NHF
	AXCACHMOR-CG	Charcoal Grey	NHF
Item dimension	W42" x D38.25" x H34"		By Sanh Nguyen Date: 18-Sep-25

I. GENERAL INFORMATION

1.1. Product pictures



Cream White

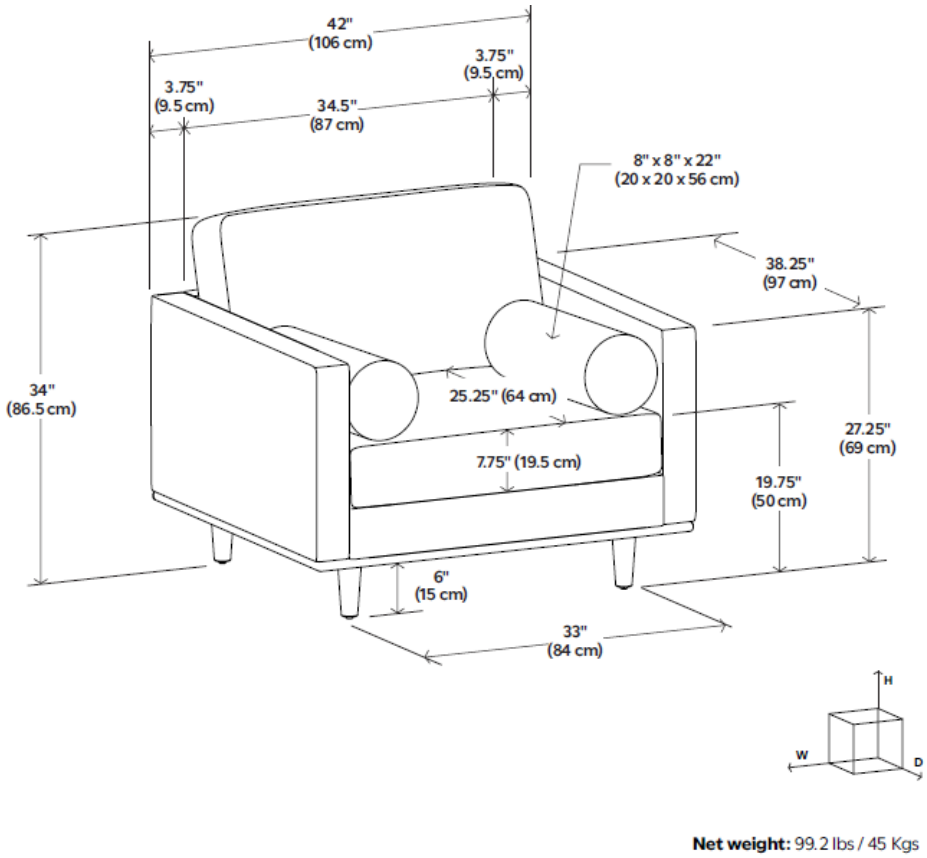


Mist Grey



Charcoal Grey

1.2. Dimension

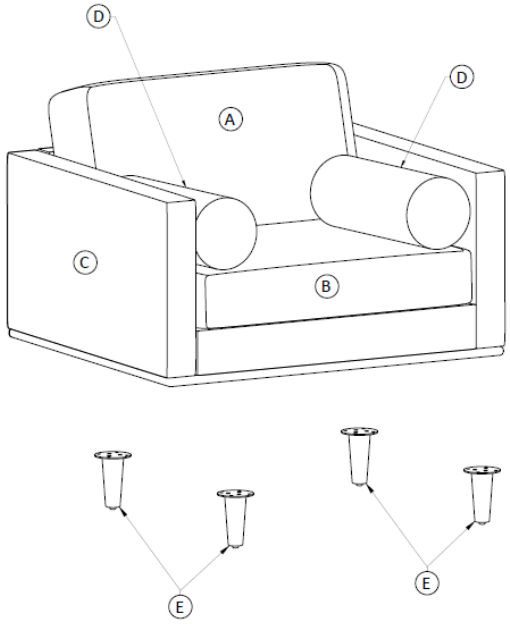


Net weight: 99.2 lbs / 45 Kgs

I.3. Material

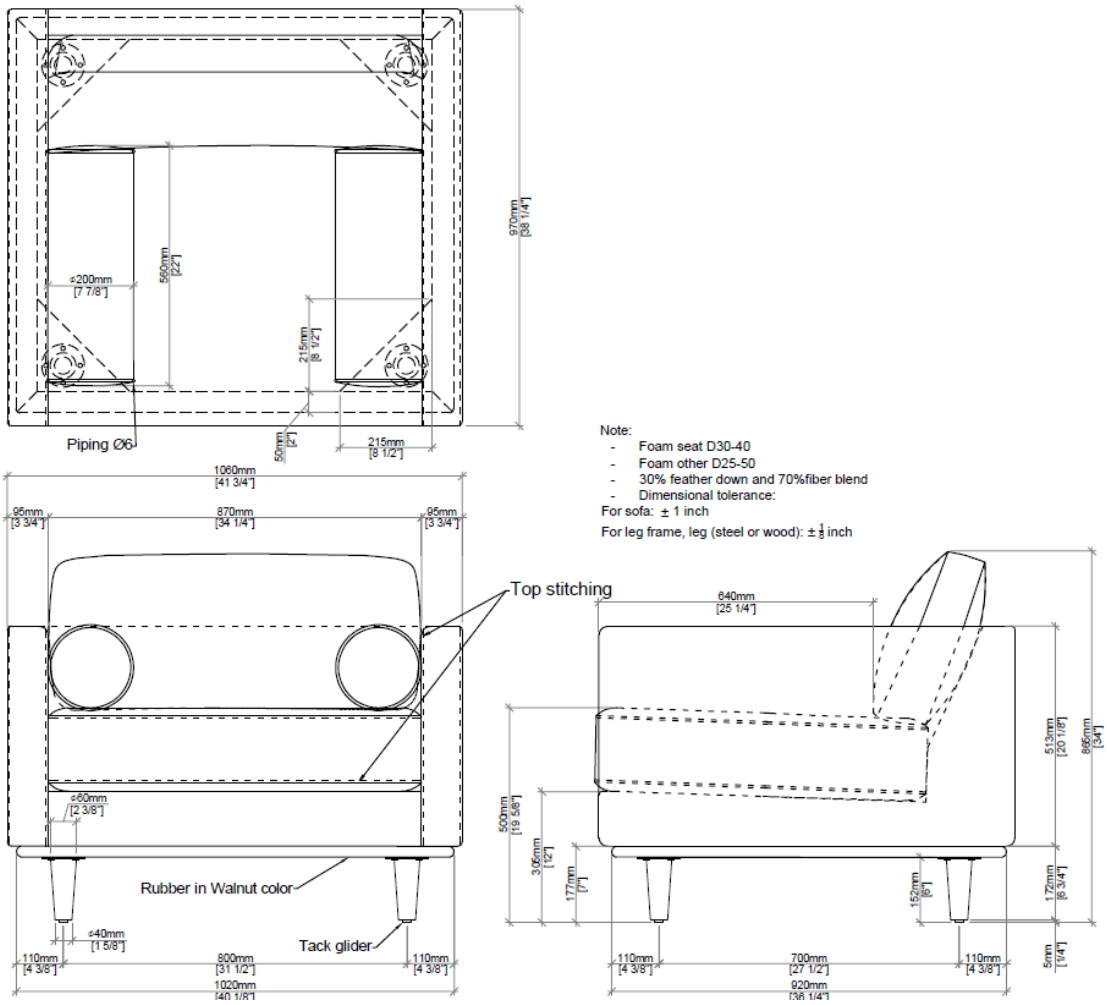
Component	Material	Requirements
Construction frame	Solid Pine, Engineered Wood	
Cover:		
Cream White	OTE MARK #110	C0 Coating
Mist Grey	OTE MARK #453	C0 Coating
Charcoal Grey	OTE MARK #456	C0 Coating
Back	Webbing	
	Top: Foam	D25-50
	Front: Foam	D25-50
	Outside: Foam	D25-50
Seat	4 GA(~4mm) Nozag + Webbing	
	Bottom: Foam	D30-40
	Middle: 30% Down Feather + 70% Blown Fiber	
	Top: Dacron	
	Front: Foam	D25-50
Bottom frame	Solid Rubberwood	Brown finishing
Legs	Solid Rubberwood	Brown finishing

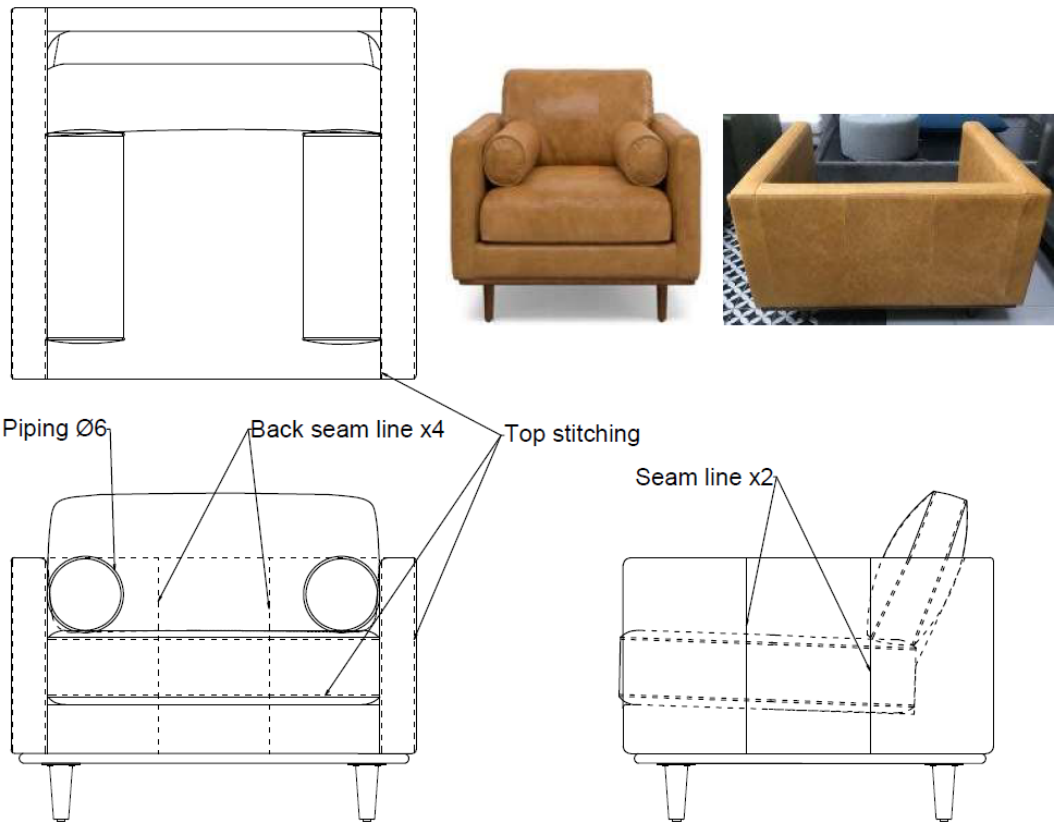
I.4. Exploded parts:



II. CONSTRUCTION

II.1. Technical drawings





II.2. Construction requirements

- Before mass production, product needs to pass all related tests – conform to US Consumer Product Safety Commission - at Simpli Home approved test labs.
- All fixed joints of wood/plywood/MDF to be use water proof D4 wood glue.
- All wood must be kiln dry before production and maintained at a humidity level between 8-12% during the manufacturing process.
- The variance of moisture between 2 lamellas cannot be over 2%.
- Width of lamination: should be between 40-80mm.The lamination should have the same width on a board.
- All wood must be free from insect or fungal contamination.
- Wood with sign of previous contamination must not be used (woodworm holes, signs of mold…).
- All products must be free from physical defects such as poor finish, patchy areas, contamination, pin holes or pitting.
- Finished wood must be smooth and evenly finished, free from cracks, splinters, rough edges and uneven coatings. Hair cracking is considered as critical point.
- Dent, chipped mark, nick… are not allowed.
- Dead knots must not be present on finished wood.
- Filler must not be visible on visual surface (always in view by customer) and must be no bigger than 5mm x 5mm on other surfaces.
- All load bearing pieces must be free of knots.
- There must not be knots at joints.
- Live knots must be less than 2cm and not exceed 1/3 width of lamella. And only 3 live knots are allowed on each surface, spacing between live knots need to be minimum 10 centimeters.
- Sap wood: can not be visible. It’s allowed for max length 10cm + width 1cm on hidden surface.
- Discolor / Black grain: must not acceptable in visible surface.
- Upholstery and cover must pass Flammability test according to 16 CFR Part 1640 & California Technical Bulletin TB 117-2013).

III. FINISHING

III.1. Color



Polyester, C0 coating
MARK #110



polyester, C0 coating
MARK #453



polyester, C0 coating
MARK #456

III.2. Finishing requirements

Property	Test Code	Limit
Chemical requirements		
- Total lead in surface coating	16 CFR 1303	90ppm
- Phthalates Content	US CPSIA 2008 Sec. 108	1000ppm
Physical requirements		
- Adhesion Test	ASTM D3359 (Mod)	Class 3
- Hardness Test	ASTM D3363 - 05(2011) e2 Mod.	
Color fastness to light 60h	AATCC 16.3 – 2014, Xenon-Arc-Lamp, 60 AFU	Grade 4

- Color swatch should be approved by Simpli Home before production starts.
- Any treatment use on wood (stain, preservatives, varnishes) must not release color or other staining during use.
- Lacquer / coating should be tested at Approved Labs according to CPSC before mass production.
- The surface finish must not discolor, come loose, peel, chip or flake during normal handling or use.
- All surfaces have to be sanded properly with appropriated sanding papers (No. 120 – 150 – 180 – 220 – 320 – due to each stage of process) before painting applied.
- All parts must be stained properly on all surfaces and all edges including the surfaces that might end up hidden.
- The bottom of the legs and the bottom edge of side panels should be painted or sealed with lacquer.
- All pre-fixed structures have to be pre-stained correctly prior to assembling. This will avoid exposed unfinished lines once these parts shrunk.

- Pre-stains should be applied with darker color than color of products.
- Especially on edges of furniture: all edges should be WELL finished: on the exposed edges of the drawers, edges of top panels, tops of frame, side of frame, inside the cabinet.
- The NC coating should be evenly spread on the surface of the wood, and due to there are different absorption rates on the wood surface, factory has to apply more coating to the edges, in order to make these edges appear to have better finish.
- Finishing steps and lacquer used should follow the steps mentioned on the color swatch signed by Simpli Home. Any change needs to be approved prior to applying.
- Color must be consistent from product to product, from order to order.

IV. HARDWARE

IV.1. Key hardware requirements

Ref.	Code	Hardware Description	Unit	Qty	ASSM
1		Flat Head Allen Key Bolt M6x25mm	Pc	16	Yes
2		Lock Washer Ø10/Ø6x2mm	Pc	16	Yes
3		Washer Ø16/Ø6x1mm	pc	16	Yes
4		Allen Key	pc	1	Yes
5		Plastic glides	pc	4	No

IV.2. Extra hardware requirement for product assembled by end users.

Packaging of products must include a specific extra hardware as replacement for broken / missing hardware. Hardware items and quantity will be specified for each item level.
For packing of hardware, see V.

IV.3. Hardware/ Fitting requirements

Property	Test Code	Limit
Chemical requirements		
- Total lead in surface coating	16 CFR 1303	90ppm
- Phthalates in surface coating	US CPSIA 2008 section 108	1000ppm
Physical requirements		
- Resistance to corrosion	ASTM B117-19 (Mod)	Shall withstand 24 hours in 1% salt spray (fog) with no noticeable oxidation / corrosion / visual changes.

V. PACKAGING

V.1. Packaging Instruction

Product to be packed according Simpli Home approved Packaging Instruction.
Please see **Appendix B** for Packaging Instruction.

V.2. Packaging requirements

- Product should be dried completely before packaging.
- Product should be cleaned completely before packaging. Any dust, stains… are not allowed on any surface.

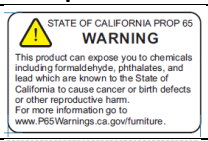
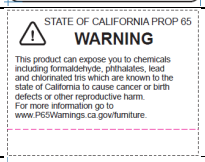
Property	Requirement	Document
Carton full packed	ISTA 6 AMAZON	Test report by Simpli Home approved test lab.
Carton type	Full Telescope Design Style Tray	
Carton cardboard	Double-wall (5 Ply) Corrugated, 6.5mm thickness. Burst strength: Minimum of 275psi	

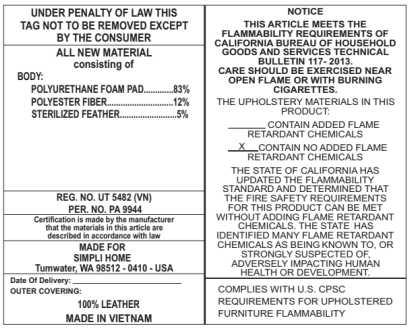
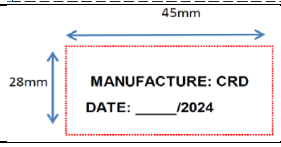
Carton layout	Must be approved by Simpli Home	
Marking	Exactly the same as Simply Home marking, includes color(s)	
All sides inside carton	Honeycomb (min thickness 20mm) or MDF (min 3mm) to protect products inside	
All edges inside carton	Edge protection V50x50x3mm	
All parts	Wrapped by paper protect sheet. Protect sheets must cover all surfaces to avoid damage of parts during transit.	
Simpli Home leaflet	Must be included inside carton	
Two short open edges of carton	Use reinforcing tape (fibered tape) 70mm	
Four open edges of carton	Use clear tape 80mm (cover the reinforce tape where overlap). Do not apply the scotch tape across the open edge. Tape should not cover the barcode number	
Hardware red strings identifier	Visible from outside of carton	
Torn, scratches, dirty… boxes	Not accepted	

V. 3. Hardware package

Property	Requirement
Each type of hardware	Packed separately in a zip-bag, with a label that shows the hardware number according to Assembly Instruction
Handles/Knob	Packed in individual bag for surface protection before putting into zip-bag
Extra hardware	Packed in separate bag with "EXTRA HARDWARE" label. Each type of hardware inside also packed in separate bag with label
Anti-tipping kit	Packed in individual bag. Outside of bag having guide line and information of manufacture
Hardware bag	Must be clear of all wood parts and must be completely covered by protection sheet, then wrapped by 2 ply cardboard sheet. Hardware bags must be placed firmly in a preserved room to avoid damage or scratch the wood parts.

V.4. Labeling:

Description	Example	Size	Position	Required
CA Prop65		72x45mm	Carton box: short side, left of logo	Yes
CA Prop65			Sew-In	Yes
TSCA			Sew-in	Yes

Law label (Leather)			Sew-In	Yes
Washing instruction			Sew-In	Yes
Leather care instruction			Sew-In	No
Factory label		45x28mm	Bottom	Yes