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**Technical Report:**

**96251850654**  
Date Received:

JULY 04, 2025

July 14, 2025

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DAI VIET CO., LTD

NO. 276/19/13 TRAN HUNG DAO STREET, DONG B QUARTER, DONG HOA WARD, HO CHI MINH CITY,  
VIETNAM

Sample Description:	FULL BED WITH STAIRCASE SHELVES AND DRAWERS			
Vendor:	DAI VIET CO., LTD	Sample Size:	/	
Manufacturer:	DAI VIET CO., LTD	VPN:	/	
Buyer:	GIGACLOUD	SKN/SKU No.:	N708P180149/50/51	
Agent:	/		/	
Labeled Age Grade:	/	PO No.:	V013VDY20250513LE	
Appropriate Age Grade:	/	Ref #:	/	
Client Specified Age Grade:	/	Country of Origin:	VIETNAM	
Tested Age Grade:	/	Assortment No.:	/	
UPC Code:	/	Department No.:	/	
Phase of Production:	/	Item#:	/	
Color:	WHITE/GREY/ESPRESSO	Date of Production:	/	
Program:	/	Model/Style#:	/	
Previous No:	96251610225	Country of Destination:	USA	

TEST PROPERTY	PASS	FAIL	DATA	N/A	Remark
CPSIA Total lead content in Surface Coating	X				
CPSIA Total Lead Content In Substrate Materials	X				
15 U.S.C 1278a Total Lead Content	X				
16 CFR 1213 Bunk Beds	X				
16 CFR 1513 Requirements for Bunk Beds	X				
ASTM F1427-21e1 Bunk Beds	X				

**Note(s):**

- This report includes the test result(s) which was conducted & reviewed by Analytical department.
- The Chemical test following reports listed:

No.	Tested component:	Chemical test	Reference report	Report issued date
(1)	White Coating/ Color Panel	Lead	96251320694	MAY 16, 2025



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If there is any question regarding this report, please contact the following lab personnel:

**Administrative inquiries, please contact:**

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Back-up Contact: Cynthia Vuong, Tel: 848-37421-604 ~ 6, Ext: 641; email: cynthia.vuong@bureauveritas.com

**Technical inquiries, please contact:**

Primary Contact: Terry Nguyen, Tel: 84-028-37421-604 ~ 6, Ext: 355; email: terry.nguyen@bureauveritas.com  
Back-up Contact: Louis Tran, Tel: 84-028-37421-604 ~ 6, Ext: 339; email: louis.tran@bureauveritas.com

**BUREAU VERITAS CONSUMER PRODUCTS SERVICES (VN) LTD.**

**TERRY NGUYEN**  
**LAB MANAGER – HARDLINE, TOYS & JUVENILE PRODUCTS DIVISION**



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**SAMPLE DESCRIPTION ASSIGNED BY LABORATORY**

Test Item(s)	Sample description/ Location	Material	Style(s)
I001	Grey Coating (Wood)	Coating	-
I002	Espresso Coating (Wood)	Coating	-
I003	Brown Coating (Inside Drawer)	Coating	-
I004	MDF	Wood	-
I005	Plywood	Wood	-
I006	Yellow/ Black Coating (Warning Label)	Coating	-
I007	Multicolor Coating (Ca Prop 65 Label)	Coating	-
I008	Black/ White Coating (Country Origin Label)	Coating	-
I009	Yellow/ Red/ White Coating (Maximum Weight Label)	Coating	-
I010	No Coating (Hardware)	-	-
I011	Brown Coating (Glide)	Coating	-
I012	Brown Metal (Glide)	Metal	-
I013	Silver Metal (Bolt)	Metal	-
I014	Silver Metal (Barrel Nut)	Metal	-
I015	Silver Metal (Big Screw)	Metal	-
I016	Yellow Metal (Round Head Screw)	Metal	-
I017	Yellow Metal (Flat Head Screw)	Metal	-
I018	Silver Metal (Hinge)	Metal	-
I019	Silver Metal (Bracket)	Metal	-
I020	Silver Metal (Mending Plate)	Metal	-
I021	Brown Plastic (Wheel On Glide)	Hard Plastic	-
I022	Magnet	Metal	-
I023	White Plastic (Cover Magnet)	Hard Plastic	-
I024	Silver Metal (Knob Bolt)	Metal	-



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### TEST RESULT

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#### Total Lead Content in Surface Coating

- United States Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 101(a)(2) / United States Code of Federal Regulations (CFR), Title 16, Part 1303

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**Test Method** : U. S. CPSC-CH-E1003-09.1 (February 25, 2011).

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Maximum Allowable Limit :		90 mg/kg			
	Unit	Result			
Test Item(s)	-	I001+I002+I003	I006+I007+I008	I009+I011	I010
Parameter	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	-
Conclusion	-	PASS	PASS	PASS	NA

Note / Key :

ND = Not detected

NA = Not applicable

">" = Greater than

mg/kg = milligram(s) per kilogram = ppm = part(s) per million

Reporting Limit (mg/kg) : 10

Remark :

- Component(s) in Test Item(s) may not able to be tested individually due to overlapping.
-



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## TEST RESULT

### Total Lead Content in Substrate: - United States Consumer Product Safety Improvement Act (CPSIA) Section 101(a)(2)

**Test Method :** U. S. CPSC Test Method CPSC-CH-E1001-08.3 (November 15, 2012) or U. S. CPSC Test Method CPSC-CH-E1002-08.3 (November 15, 2012).

Maximum Allowable Limit :		100 mg/kg						
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-	Unit	Result						
<b>Test Item(s)</b>	-	I012	I013	I014	I015	I016	I017	I018
<b>Parameter</b>	-	-	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND	ND	ND	ND
<b>Conclusion</b>	-	PASS	PASS	PASS	PASS	PASS	PASS	PASS

-	Unit	Result						
<b>Test Item(s)</b>	-	I019	I020	I021+I023	I022	I024	I004+I005	
<b>Parameter</b>	-	-	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND	ND	ND	ND
<b>Conclusion</b>	-	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Note / Key :

ND = Not detected

NA = Not applicable

> = Greater than

mg/kg = milligram(s) per kilogram = ppm = part(s) per million

10000 mg/kg = 1 %

% = percent

Reporting Limit (mg/kg) : 10

Remark :

- According to Children's Products Containing Lead; Exemptions for Certain Electronic Devices; Final Rule, exemption were granted to steel alloy containing up to 0.35 % lead by weight, aluminum containing up to 0.4 % lead by weight and copper-based alloy containing up to 4 % lead by weight.
- According to Petition Requesting Exception from Lead Content Limits; Notice Granting Exception, exemption was granted to certain aluminum alloy on certain ride-on children's products containing up to 0.03 % lead weight.



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### TEST RESULT

**Total Lead Content:  
15 U.S.C 1278a-Children Product Containing Lead**

Maximum Allowable Limit :		100 mg/kg			
-	Unit	Result			
<b>Test Item(s)</b>	-	I001+I002+I003	I006+I007+I008	I009+I011	I010
<b>Parameter</b>	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	-
<b>Conclusion</b>	-	PASS	PASS	PASS	NA

-	Unit	Result						
<b>Test Item(s)</b>	-	I012	I013	I014	I015	I016	I017	I018
<b>Parameter</b>	-	-	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND	ND	ND	ND
<b>Conclusion</b>	-	PASS	PASS	PASS	PASS	PASS	PASS	PASS

-	Unit	Result						
<b>Test Item(s)</b>	-	I019	I020	I021+I023	I022	I024	I004+I005	
<b>Parameter</b>	-	-	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND	ND	ND	ND
<b>Conclusion</b>	-	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Note / Key :

ND = Not detected

NA = Not applicable

">" = Greater than

mg/kg = milligram(s) per kilogram = ppm = part(s) per million

10000 mg/kg = 1 %

% = percent

Reporting Limit (mg/kg) : 10

Remark :

- Tested per client's request



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**RESULT(S):**

**REQUIREMENTS FOR BUNK BEDS (FHSA, Title 16, CFR, Part 1213 & 1513)**

Section	Description	Results
1213.3 1513.3	Requirements	
1213.3(a) 1513.3(a)	Guardrails	
1213.3(a)(1) 1513.3(a)(1)	Two guardrails required if bed is > 30 inches from ground	M
1213.3(a)(2) 1513.3(a)(2)	One guardrail shall be continuous	M
1213.3(a)(3) 1513.3(a)(3)	No greater than 15 inches between either end	M
1213.3(a)(4) 1513.3(a)(4)	Bunk Beds with ladder, continuous guardrail on other side	M
1213.3(a)(5) 1513.3(a)(5)	Guardrails attached so they cannot be removed without releasing a device	M
1213.3(a)(6) 1513.3(a)(6)	The upper edge shall be no less than 5 inches above top surface	M
1213.3(a)(7) 1513.3(a)(7)	No openings in the structure between lower edge and underside	M
1213.3(b) 1513.3(b)	Bed End Structures	
1213.3(b)(1) 1513.3(b)(1)	The upper edge of end structure shall be at least 5 inches above mattress	M
1213.3(b)(2) 1513.3(b)(2)	No openings in the structure above foundation of the upper bunk that permits passage of the wedge block	M
1213.3(b)(3) 1513.3(b)(3)	Tested in accordance with Section 1213.4(c)	NA
1213.3(b)(4) 1513.3(b)(4)	Neck entrapment requirements of Section 1213.4(c)(3)	NA
1213.5 1513.5	Marking and Labeling	
1213.5(a) 1513.5(a)	Permanent label with name and address, model # and date code	M
1213.5(b) 1513.5(b)	Permanent Warning Label placement	M
1213.6 1513.6	Instructions	
1213.6(a) 1513.6(a)	Size of mattress and foundation	M
1213.6(b) 1513.6(b)	Safety Warning	-
1213.6(b)(1) 1513.6(b)(1)	Do not allow children under 6 years of age to use the upper bunk	M



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**REQUIREMENTS FOR BUNK BEDS (FHSA, Title 16, CFR, Part 1213 & 1513)**

Section	Description	Results
1213.6(b)(2) 1513.6(b)(2)	Use guardrails on both sides of the upper bunk	M
1213.6(b)(3) 1513.6(b)(3)	Prohibit horseplay on or under beds	M
1213.6(b)(4) 1513.6(b)(4)	Prohibit more than one person on upper bunk	M
1213.6(b)(5) 1513.6(b)(5)	Use ladder for entering or leaving upper bunk	M
1213.6(b)(6) 1513.6(b)(6)	If the bed is placed against a wall, use full length guardrail along wall	M

*M = Meet NM = Not Meet NA = Not Applicable R = Refer to Comment Section*



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**RESULT(S):**

**STANDARD CONSUMER SAFETY SPECIFICATION FOR BUNK BEDS (ASTM F1427-21e1)**

Section	Requirement	Result
4	Performance Requirements	
4.1	Vertical Protrusions	-
4.1.1	Vertical protrusions along the top inside surface	M
4.1.2	Cap used along the top surface of upper bunk	M
4.2	Fit of Top Bed to Bottom Bed	NA
4.3	Mattress and Foundation Size and Fit (Top Bed)	M
4.4	Mattress Size and Fit (Lower Foundation)	NA
4.5	Upper and Lower Foundation Support Systems	-
4.5.1	Horizontal position of the mattress and the foundation	M
4.5.2	Utilized event cross-members	M
4.5.3	Release of positive fastening devices or use of hand tools	M
4.5.4	Static load for the foundation support system	M
4.6	Side Rails	-
4.6.1	Bolt-On Side Rails	M
4.6.2	Hook-On Side Rails	NA
4.6.3	Side rail attachments	M
4.7	Guardrails	-
4.7.1	Presence of guardrails	M
4.7.2	Requirement of attachment	M
4.7.3	Requirement of height of the upper edge above the sleeping surface	M
4.7.4	Opening of the guardrail	M
4.7.5	Opening between the either end of the guardrail and the bed end structure	M
4.8	Bed Structure	-
4.8.1	The upper edge of the upper bunk end structures	M
4.8.2	Openings in the rigid end structures of the upper bunk	M
4.8.3	Openings in the end structures of the lower bunk	NA
4.8.4	Neck entrapment requirement of all portions of the boundary of any opening of the lower bunk end structure	NA
4.9	Ladders	-
4.9.1	Presence of ladder	M
4.9.2	Dimension requirement of ladder	M
4.9.3	Openings between ladder step and upper bunk boundary	M
4.9.4	Gaps between edge of mattress and interior vertical stile	NA
4.10	Metal beds: frame and fastenings	NA
6	Marking and Labeling	M
7	Instructional Literature	M

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ESPRESSO COLOR

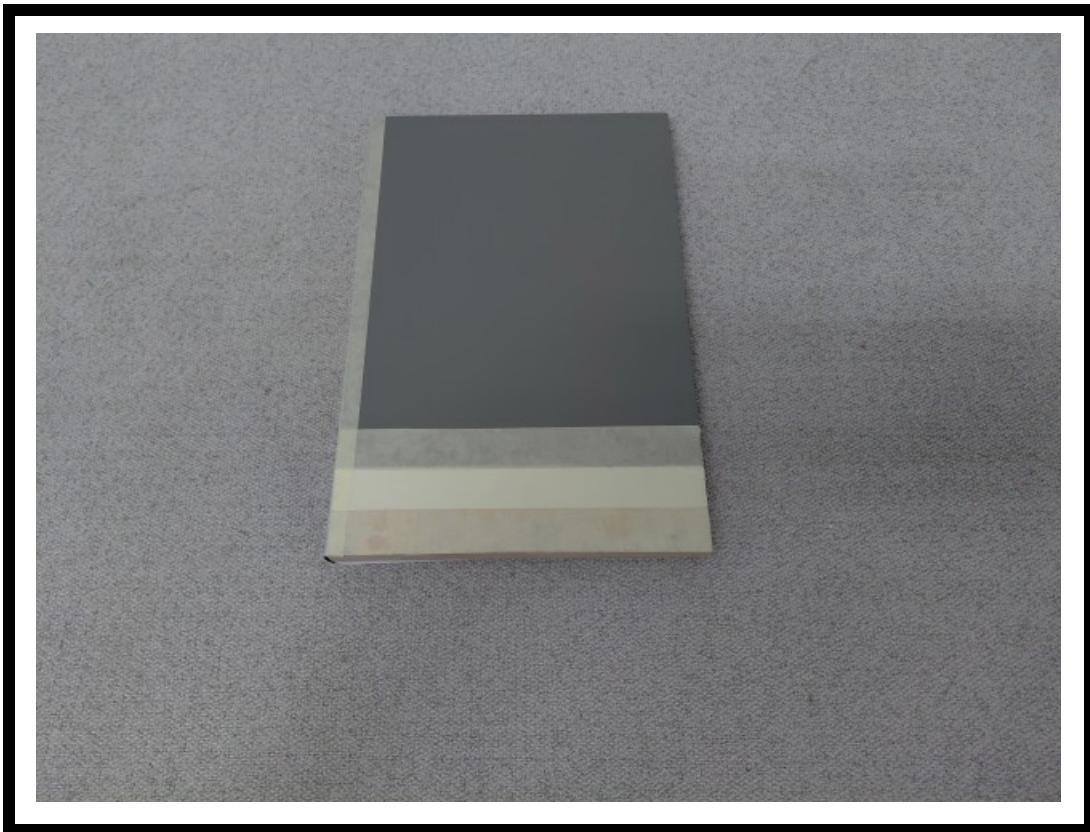




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GREY COLOR

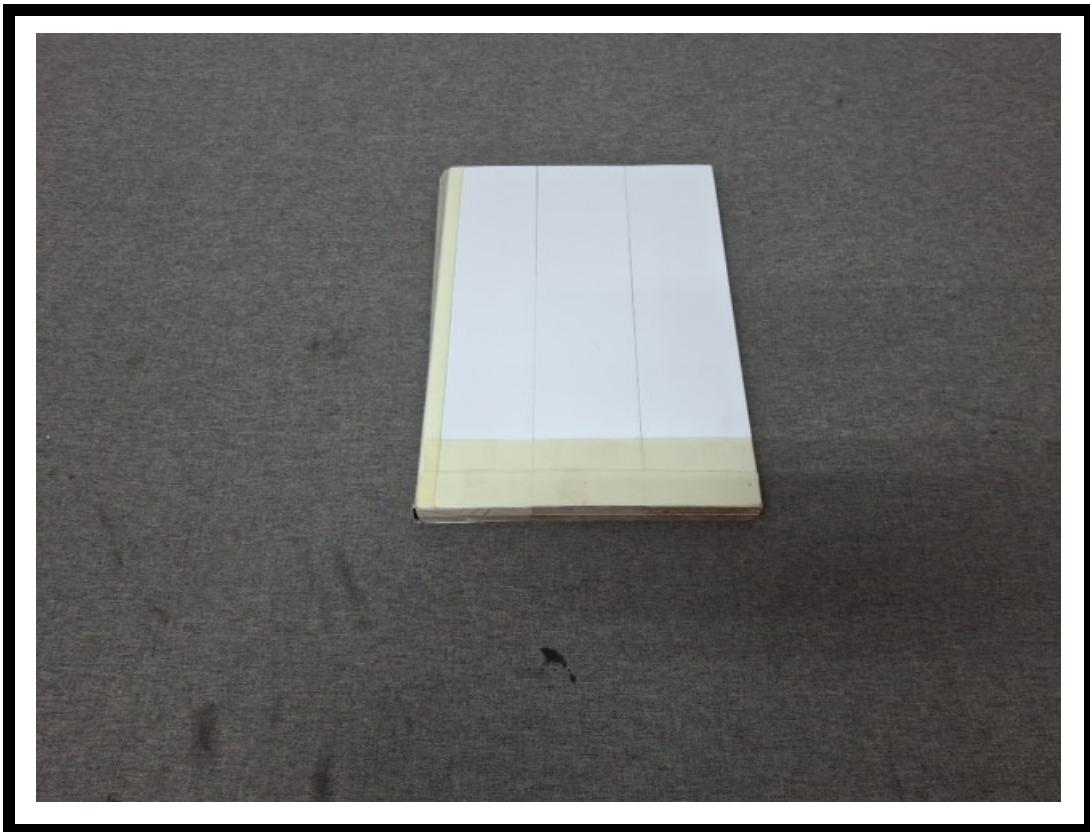




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**WHITE COLOR**

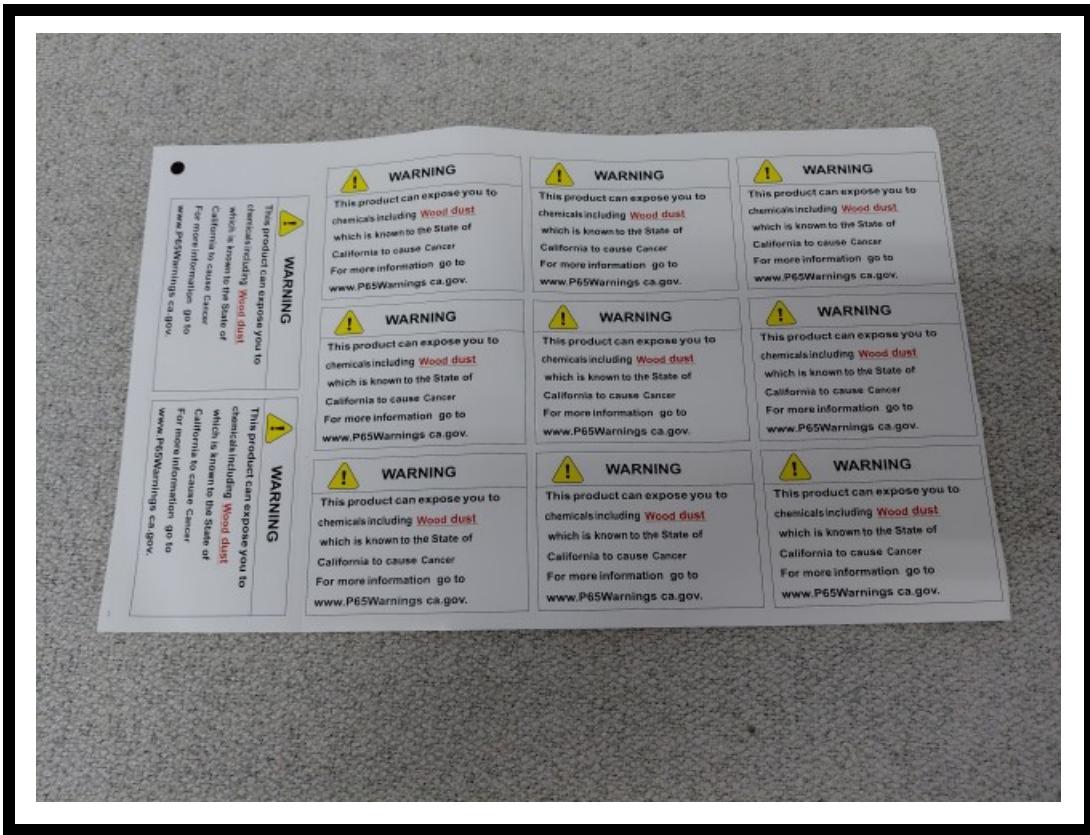




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## LABELS ON PRODUCT





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### LABELS ON PRODUCT

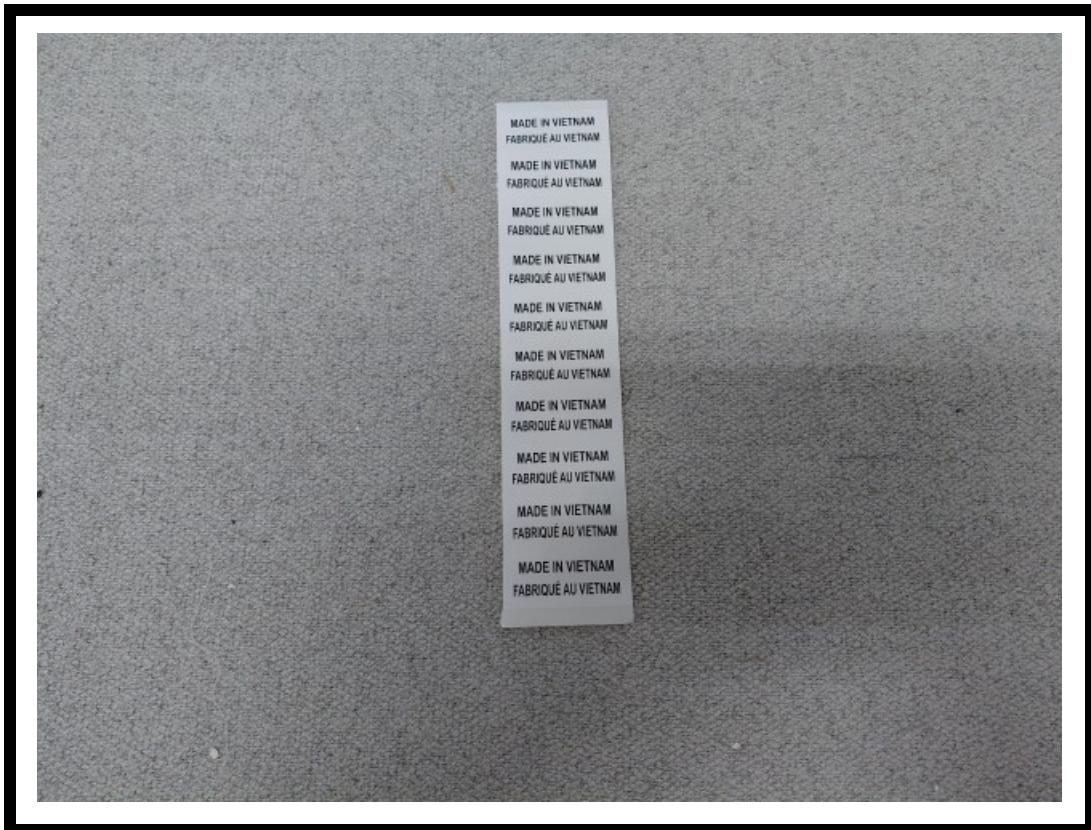




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#### LABELS ON PRODUCT

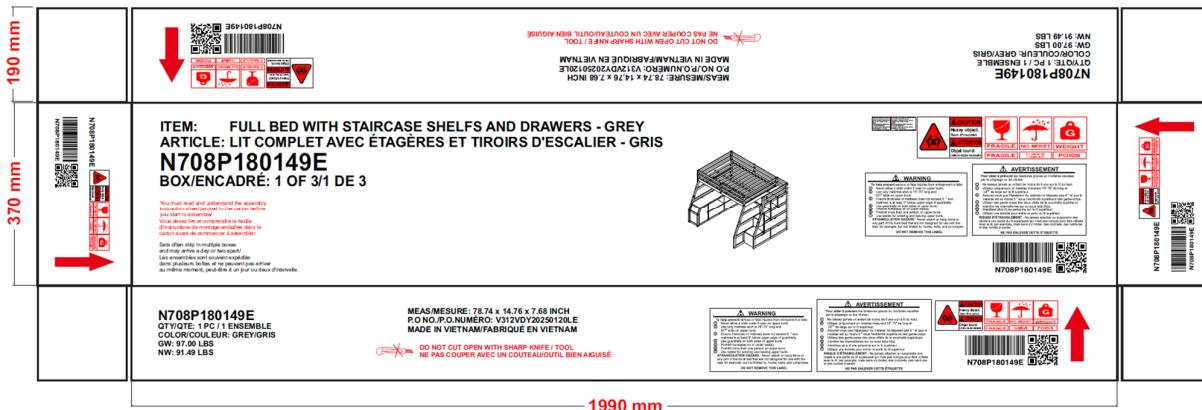




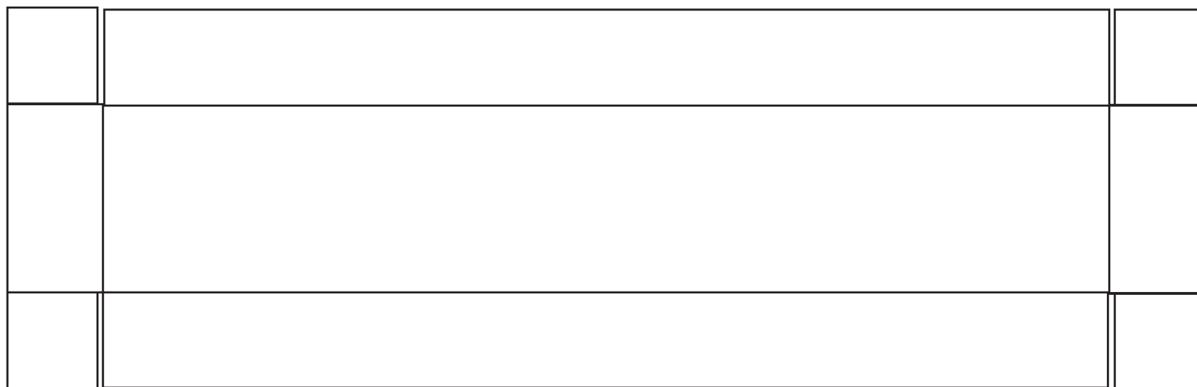
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### CARTON LAYOUT



1990 mm

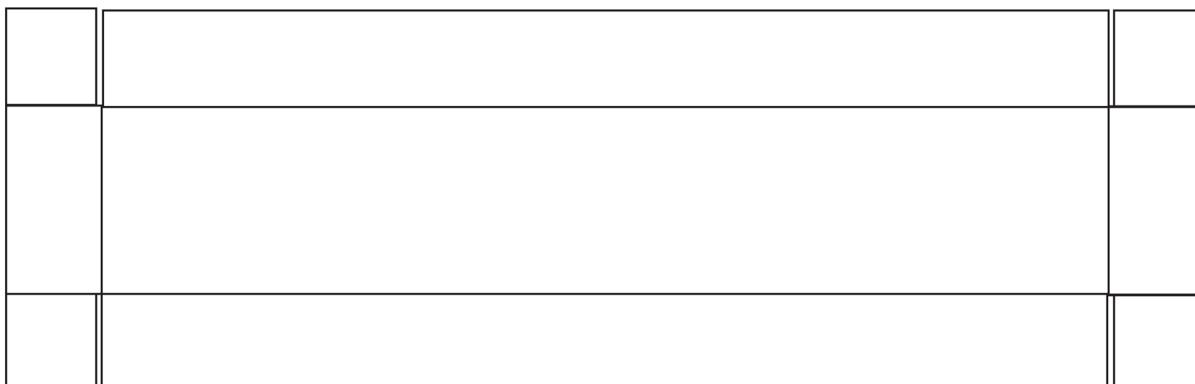
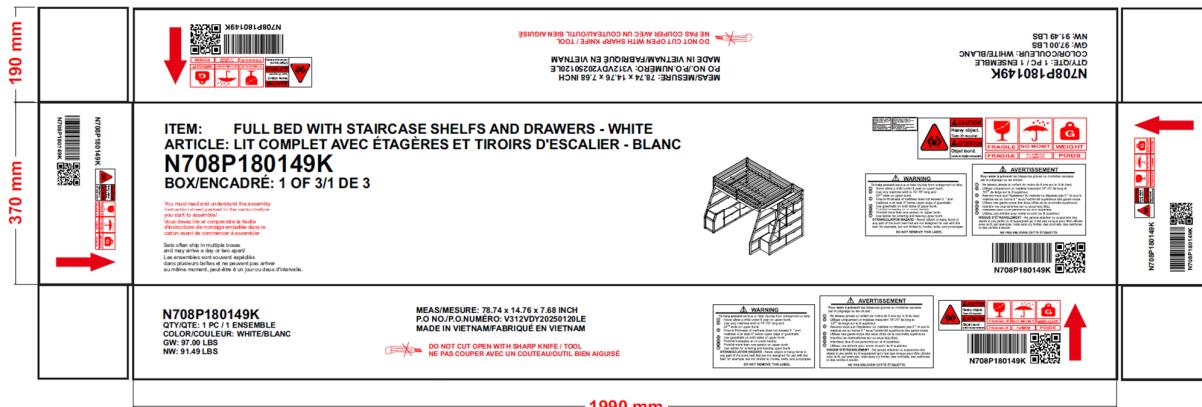




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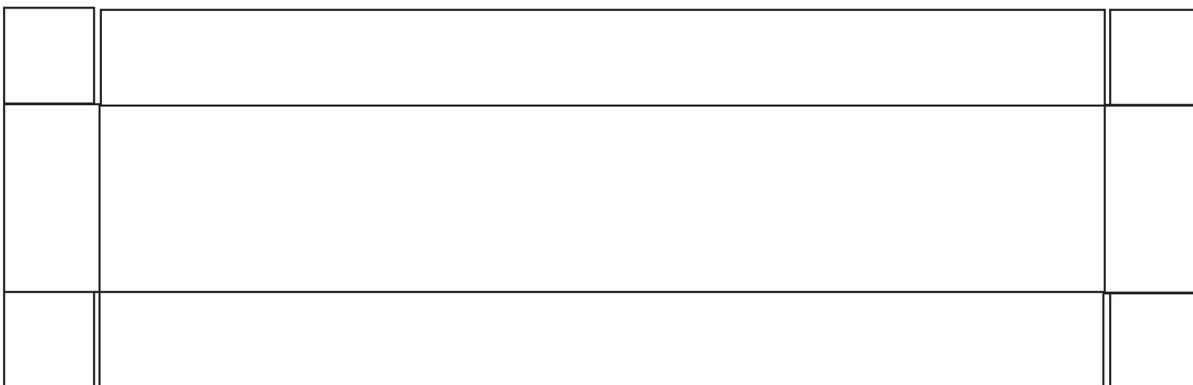
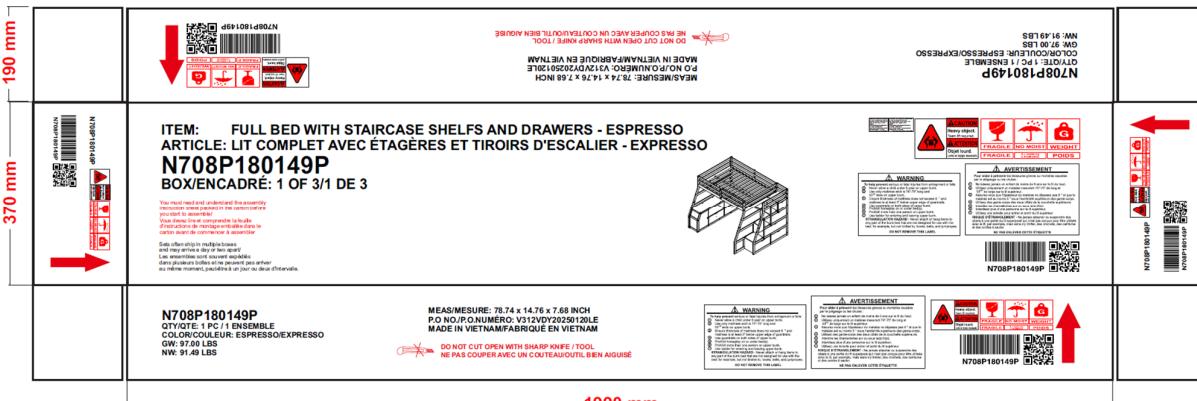




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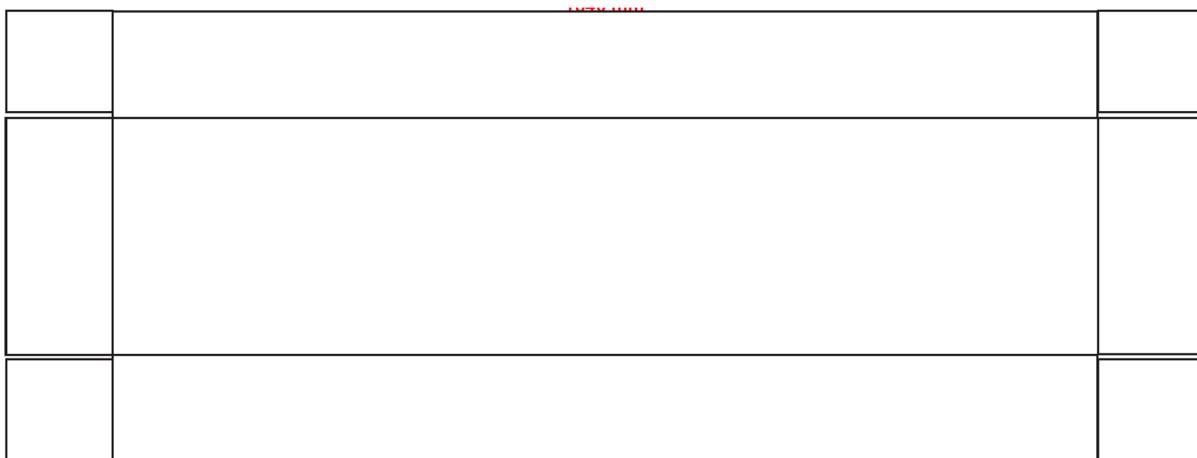
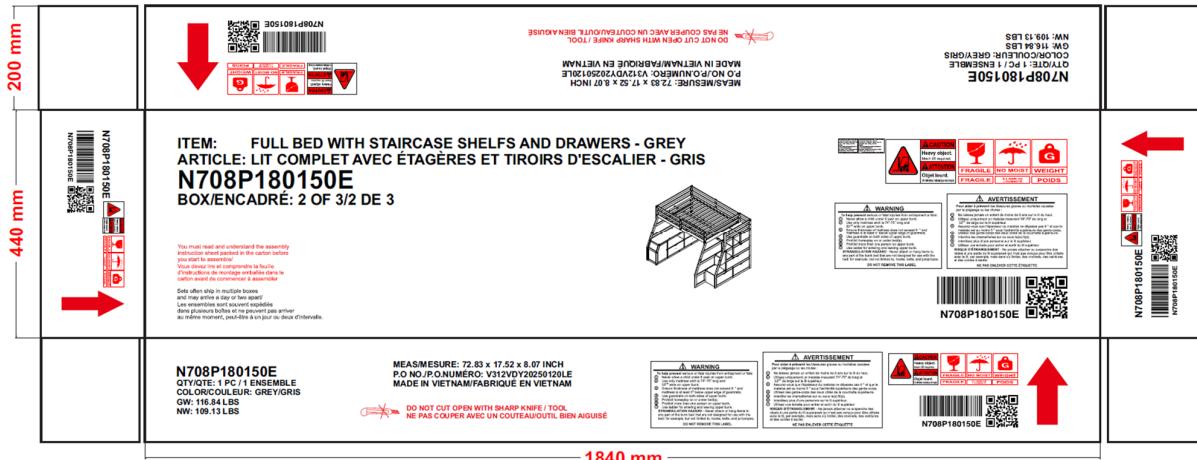




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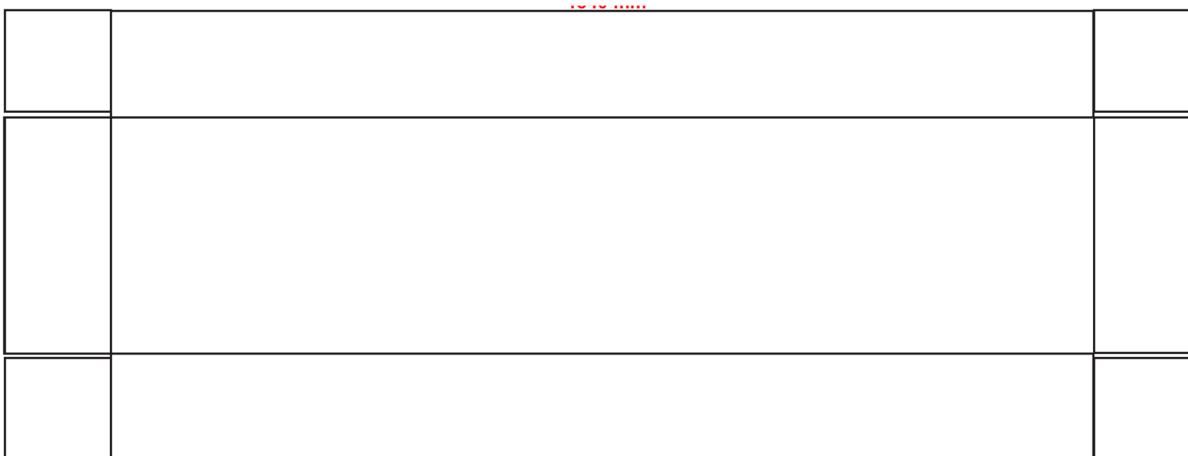
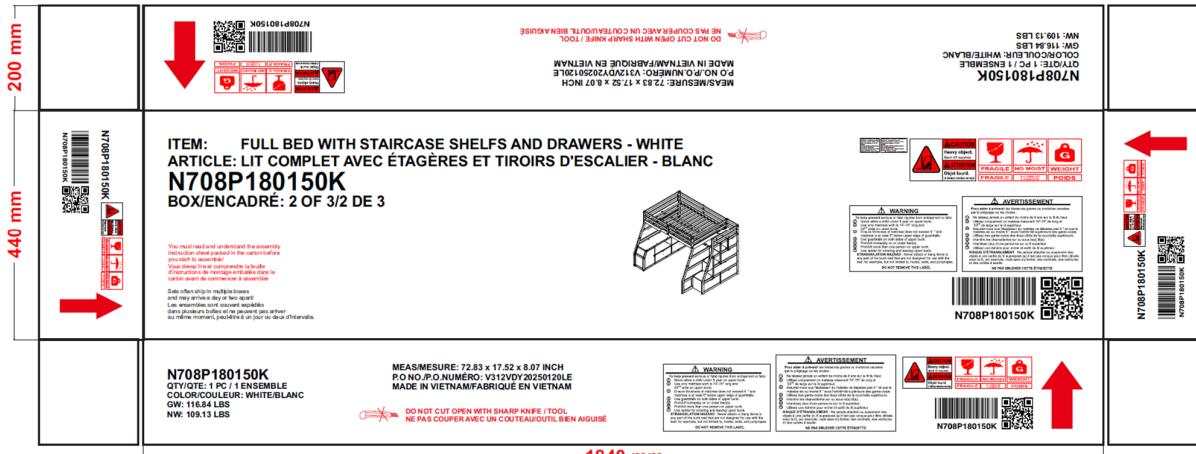




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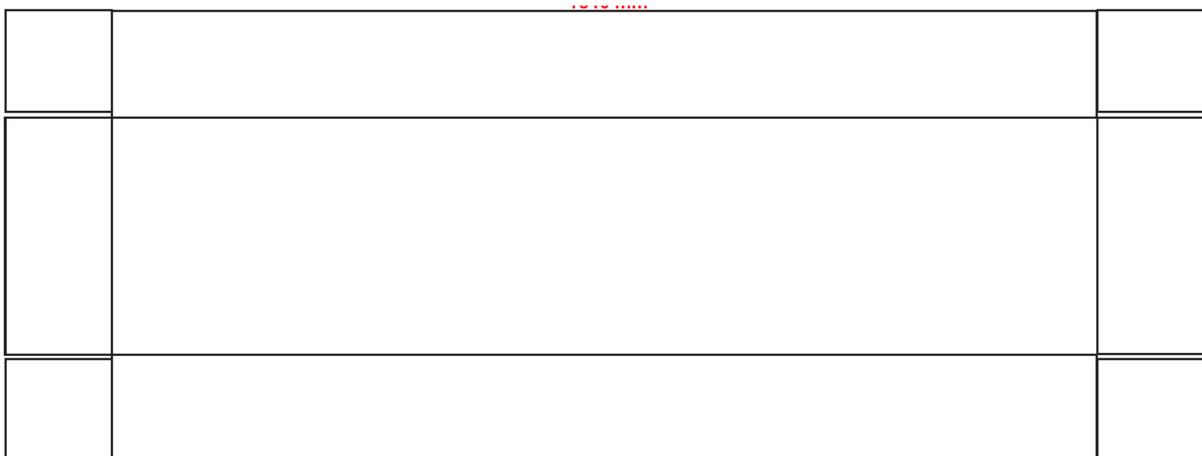
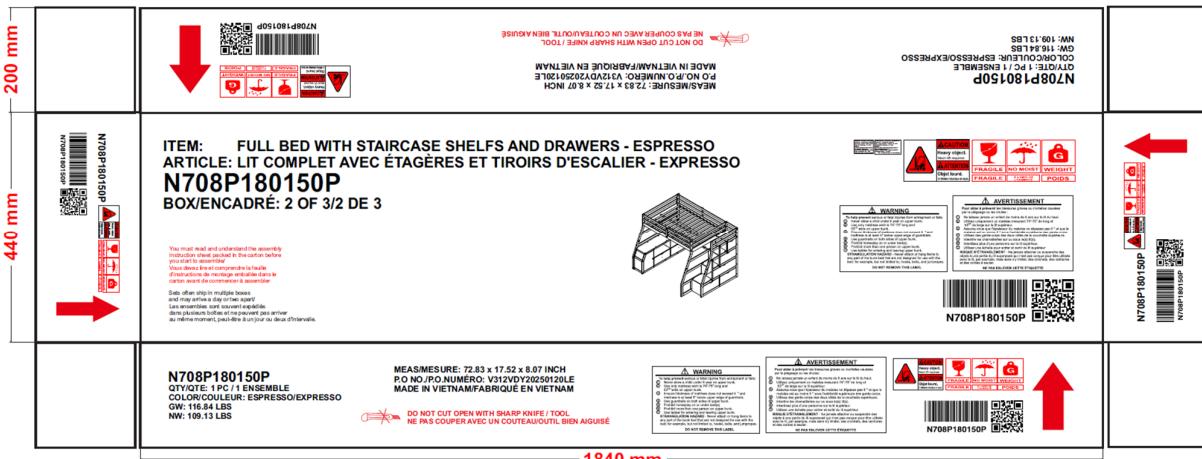




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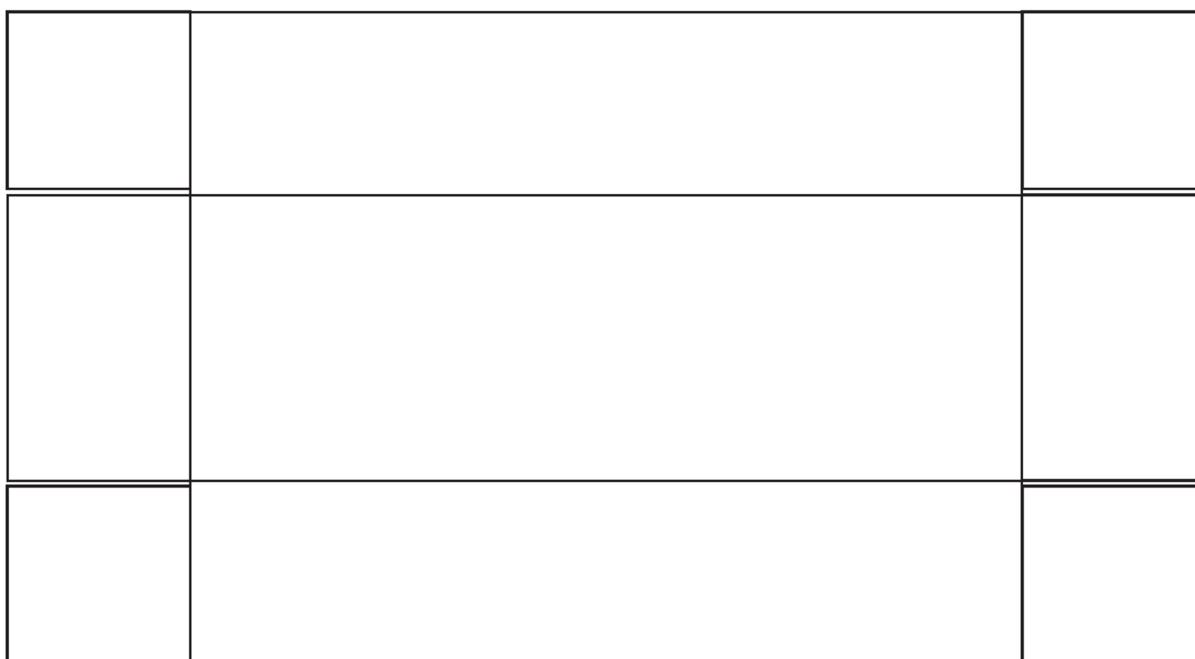
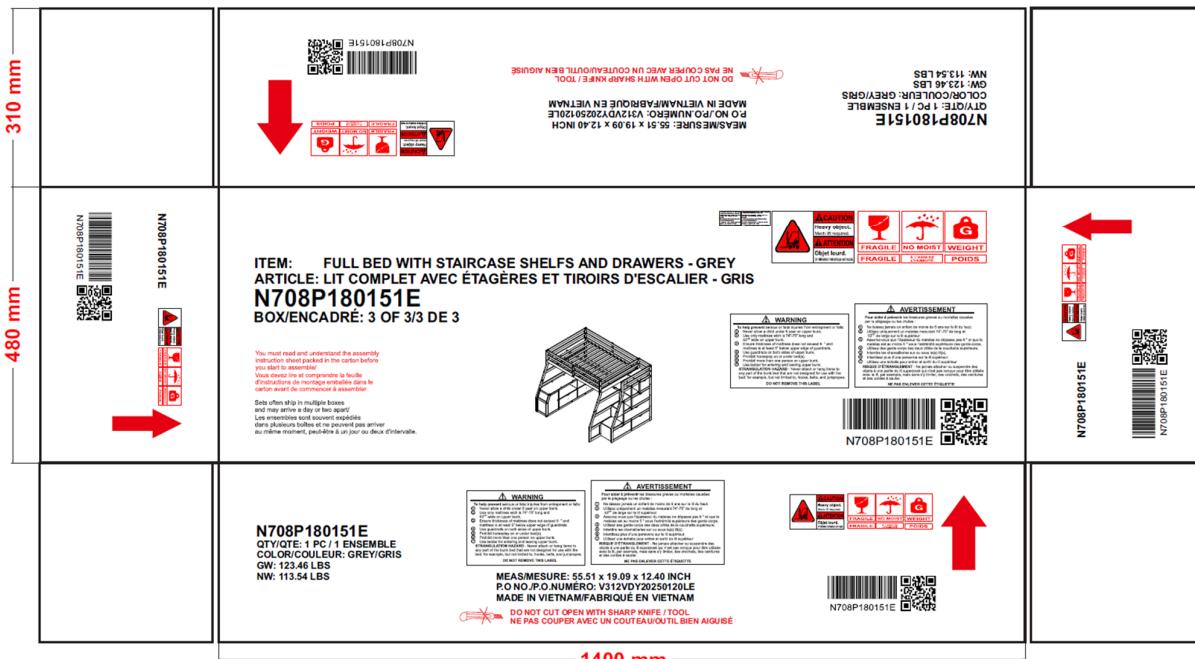




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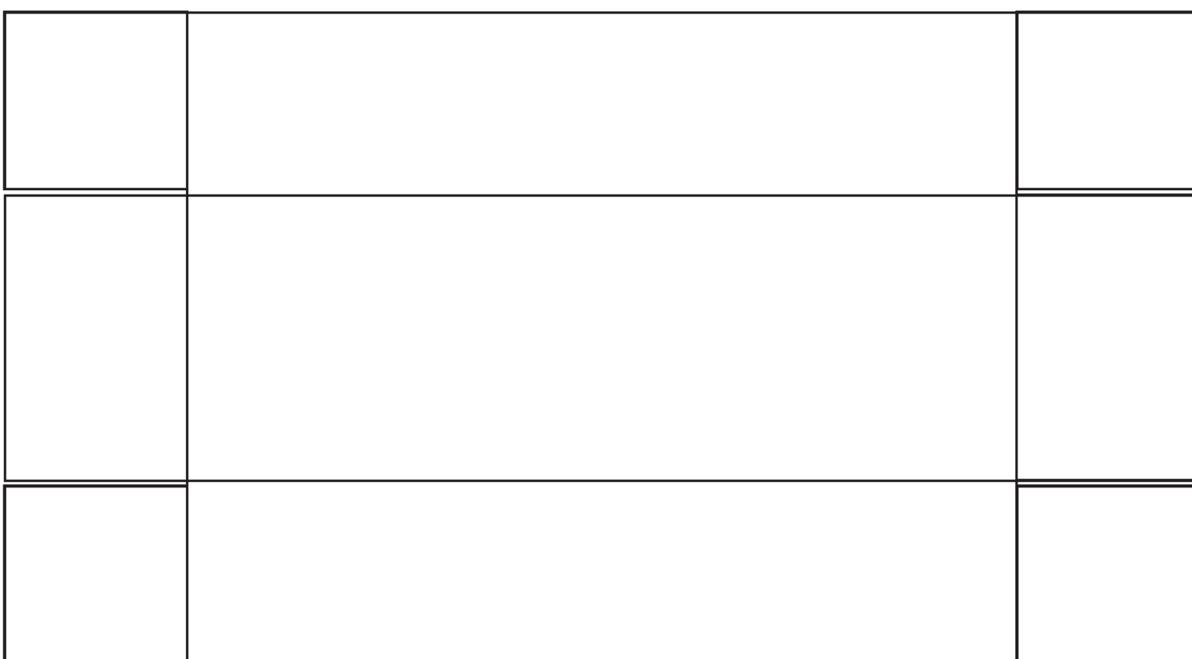
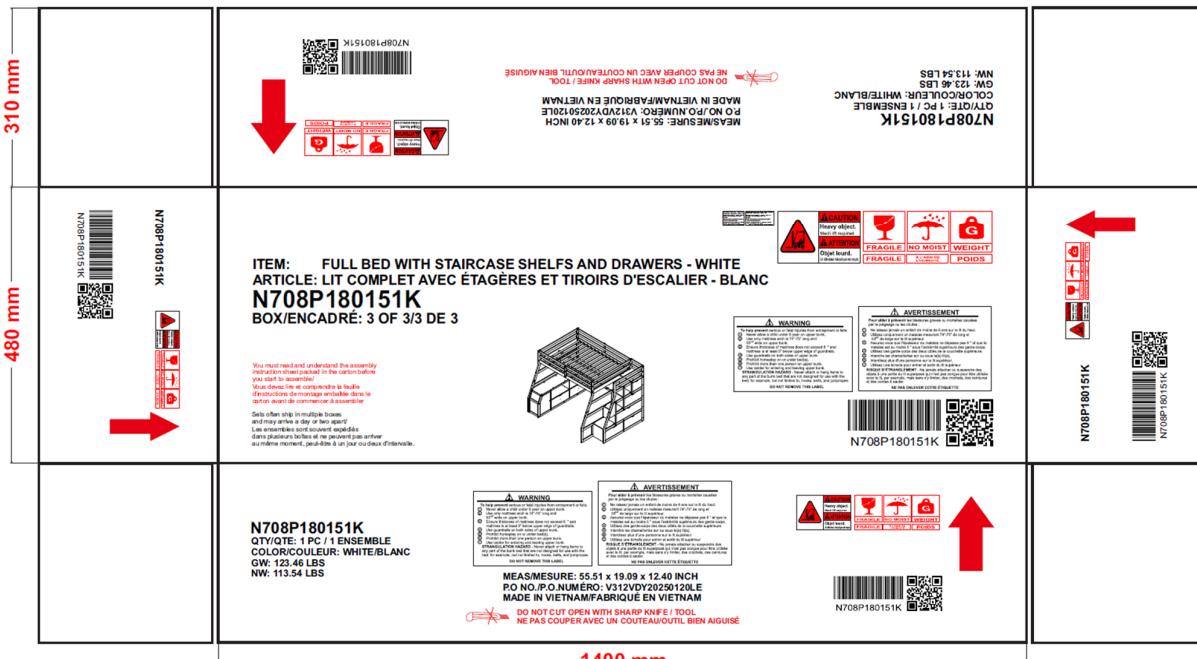




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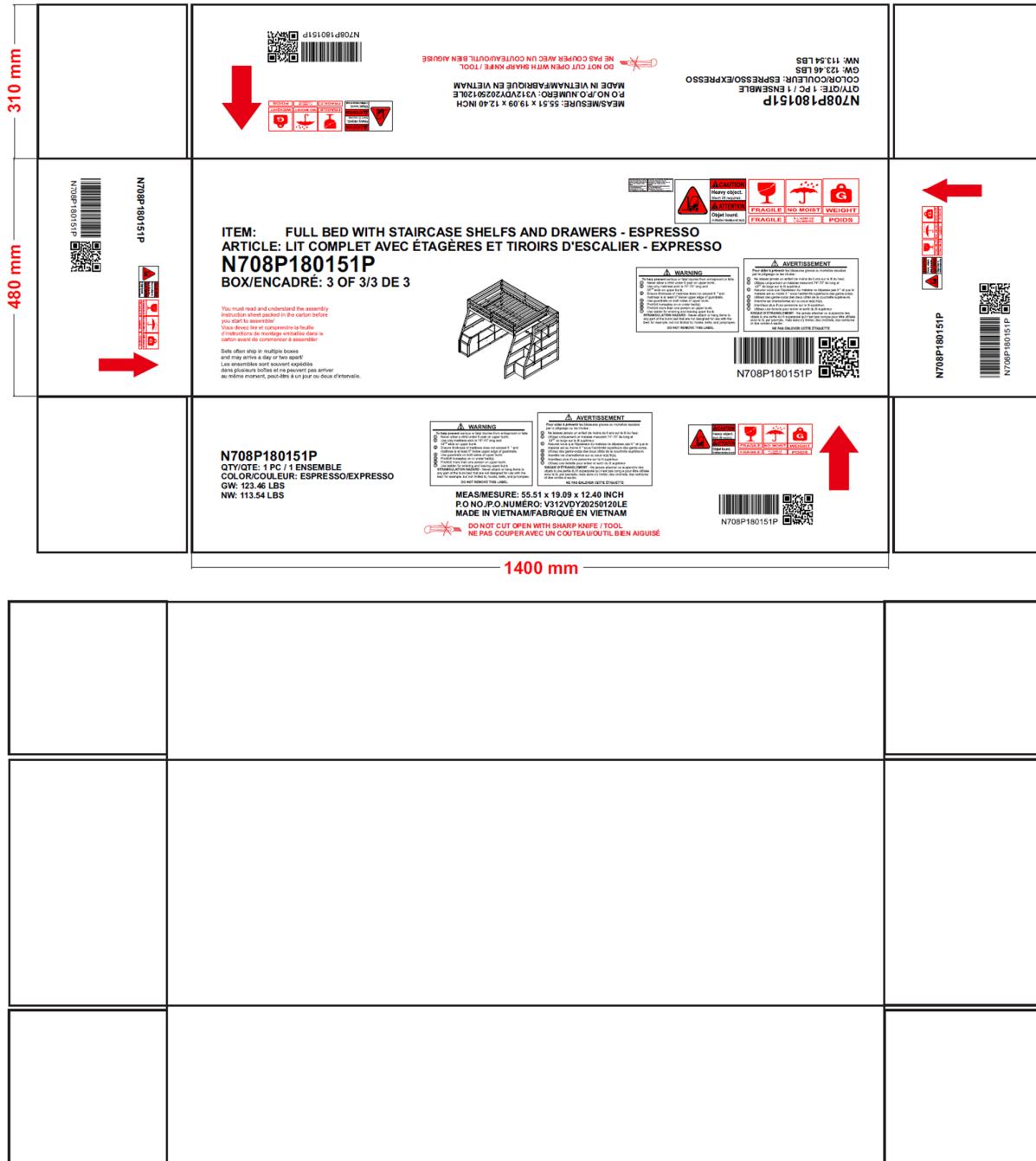




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## CARTON LAYOUT





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### WARNING LABEL

