

## Product Specification for Dotcom

Item: Storage Ottoman Bench Product size: 33.6"D  
x 17.7"W x 18.7"H

### Products Overview



Slate Grey PU

Slate Grey

Satin Cream



Stone Grey

Fawn Brown

Chocolate Brown



Midnight Black

Crimson Red

### **Requirements:**

#### **Constructions:**

1. Need to pass all relative tests (back, arm, drop test), must pass BV test; (see section III)

需要通过所有相关测试(靠背, 扶手及椅座冲击测试)和 BV 测试;

2. All foam must be fire retardant and comply TB 116 & 117;

所有泡棉须防火, TB116 & 117;

3. Need to have law label sewn underneath the seat and CARP P2 label stick beside it;

需要防火标封在椅子底部, P2 贴在旁边;

4. All seams must be straight - with stitching even

所有车缝线要直顺

5. 275lbs box, K=K paper;

275 磅纸箱, K=K 纸质;

6. All hardware must be anti-rust & pass 24 hours 1% salt spray test

所用五金须防锈,通过 24 小时的 1%的盐雾测试, 需环保.

9. AI must be confirmed before mass printing;

说明书印刷在大货之前需确认;

10. Fabric must be same as the signed swatch, must comply CPSIA and pass abrasion

test & strength test, and all other relative tests; (see section III)

面料必须和签样一样,必须符合 CPSIA,通过耐磨测试,拉力测试;

11. Need to confirm pre-production sample

需确认大货产前样;

15. Wood frame is made of Local hardwood and Plywood; painted legs are made of rubber wood. MC of solid must be 8-12%. Must be grade A hardwood, clean and no dead knot. (Solid requirement refer to section IV; plywood and solid grade refer to another file )

木框硬杂木和夹板,含水率必须是 8-12%. 油漆脚为橡胶木, 干净无死节;

16. Seat foam: 24kg/m<sup>3</sup>; thickness 1.78"

坐垫海绵 24kg, 厚度 1.78"

17. Seat construction: wood frame;

坐垫木框架: 5mm 夹板+硬木

16. MC of solid must be 8-12%.

实木的含水率必须是 8-12%

18. Non woven fabric must be fire retardant and at least 75 gram.

无纺布需防火,克重 75 克.

19. Need 4 pcs floor glides.

需四个调整脚.

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#### **Hardware:**

All hardware must be anti-rust.

#### **Assembly Instructions**

Must have two language (English and French);

Need to be printed in A4 paper;

Need to be confirmed by Head office before printing Mass production.

#### **Packaging: (refer to images in section VII)**

Shipping Marks must follow AXCESS requirements;

Must pass ISTA 3A testing by credible and approve testing lab;

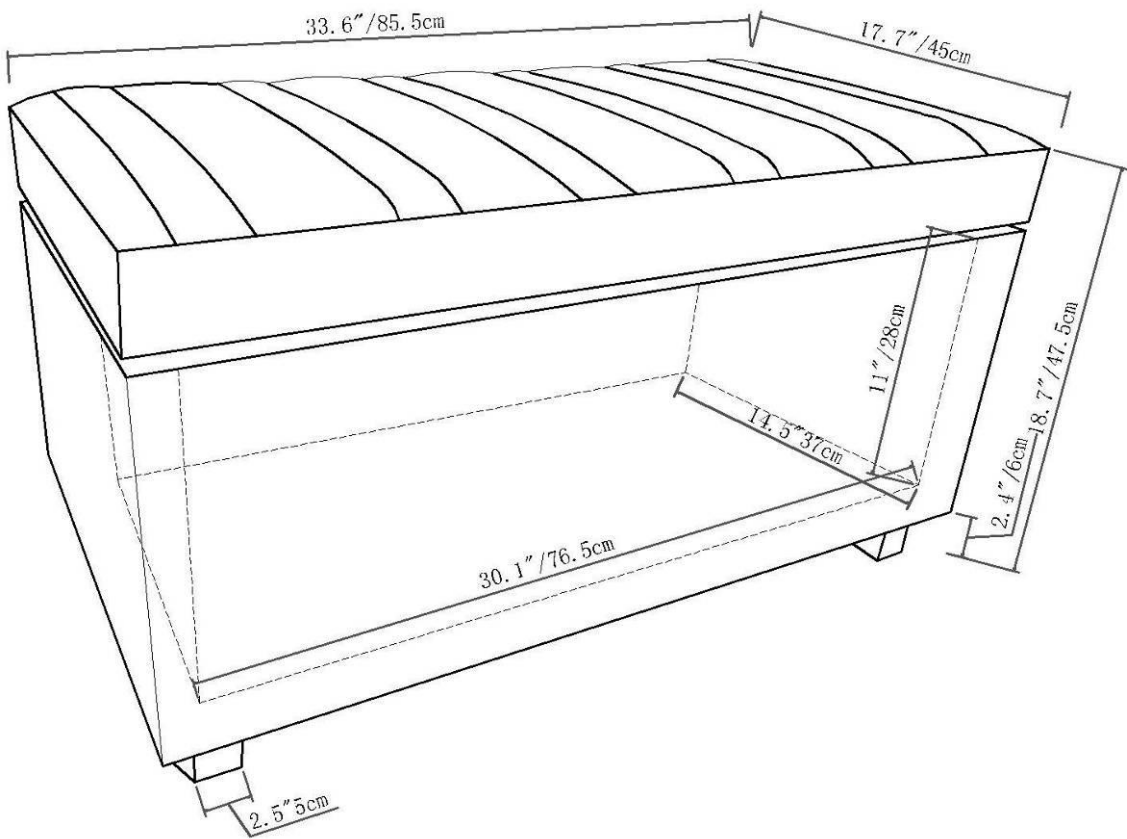
Box constructions: Double-wall (5 Ply) Corrugated; Burst strength: Minimum of 275 PSI;

All parts should be wrapped with foam sheet. Foam sheets should cover all surfaces to avoid damage of parts during transit; Except plastic bag, add micro-sheeting to wrap products;

Hardware Red Strings- used to identify the hardware inside the box –must be attached to the hardware bag at one end, and the other end must be attached to the outside of the box.

70mm width high quality scotch tape must be used. The tape should not come loose, and not cover the bar code;

#### **I. General Dimension of Products:**



**II. Materials Reference :**

1. PU: used for ottoman



Fabric#: PU#201

Fabric#: HX130604-03

Fabric#: PU#209

Fabric#: PU EY282



Fabric#: LSP0063 (#2029)

Fabric#:PU#206

- 0.8mm

2. Fabric: used for ottoman



Fabric#: G003-8

Fabric#: G003-10

Fabric#: Color #69

### **III. Testing requirement:**

#### **Construction Requirement:**

1. Seating - seat static load/500 Lbs 1minute
2. Seating - impact durability/225Lbs. Test load free falls from 6inch to land in center of seat(1drop).
3. Tilt Resistance - No tipping/150Lbs is placed 1 inch from all edges.
4. Backrest strength - No failure at 150 lb for 1 minute applied to 90° from back at 16 in above the seat.
5. Seating - rear stability-Minimum 30 lbs pulling force a 173 lbs weight is placed on the seat (strap), tipping force is measured as pulled rearward against 1 in. Obstruction
6. Furniture - leg strength test- No failure at 75 lbs applied to the leg at 1 in. from the end of the leg. Force is applied in four directions (forward, rearward, and side to side)

#### **Fabric requirement:**

1. Abrasion resistance of textile fabrics  
  
Minimum 15000 cycles with no threads broken. Check specimens for Damage/Breakage at 3000 cycles, 6,000 cycles, 9,000 cycles, 12,000 cycles and 15,000 cycles. When close to rupture, check every 1000 cycles increments. Report rupture to the closest 1000 cycles. Check for loose or broken threads, displacement, discoloration, tears and holes.
2. Abrasion resistance - taber  
Abradant: H18    Head weight: 500g  
  
200cycles for leather, corduroy and vinyl only  
  
300cycles for other fabrics  
  
Criteria: after test, less than 10% loss
3. Strength tests for zippers - 5Lbs(Min.) Slider pull.  
  
the minimum force to make the zippers apart is 5Lbs.
4. Failure in Sewn seams: Woven Apparel - 20 Lbs/Inch. Seam Strength  
  
it test the strength of the seam. The minimum force to break the seam is 20 Lbs/Inch.

## 5. Colorfastness

Colorfastness to croaking (wet) Grade 3.0

Colorfastness to light (dry) Grade 4.0@20hours applicable for textile only

**Flammability:** need meet the requirement of California technical bulletin 117-2003 section 1/CPSPD-GB-00113-MTHD. It include textile, leather, vinyl and filling material.

## **IV. Solid wood for frame and painted legs:**

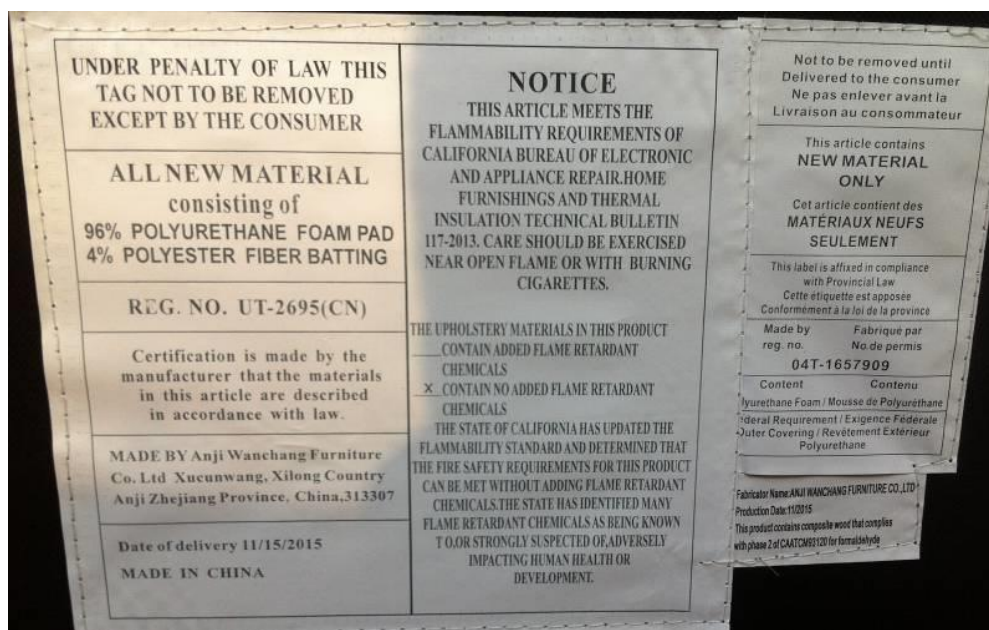
1. Material rubber wood. The moisture content(MC) of white wood must be controlled between 8% and 12%. The MC of adjacent wood should not exceed 1% when select wood for lamination.
2. Live knot is acceptable. The maximum diameter should not exceed 1/3 of the width of a single wood plank.
3. Dead knot is not allowed to be used on product in any light finish; Dead knot with a diameter less than 3/8" is okay to be used on product in finish equal or darker than dark brown, but it must not be decayed or come off.
4. Lumber should not have the defects such as decay, cracking underneath and blue stain (if it is darker than stain color of product finish). Must be free from insect or fungal contamination.
5. The color of adjacent wood should be consistent to avoid obvious color variation.
6. The thickness of adjacent wood should be consistent. Large area putty is not allowed on face side where is able to be seen.
7. Wood with sign of previous contamination must not be used (woodworm holes, signs of Mold, etc.)
8. All products must be free from physical defects such as poor finish, patchy areas, contamination, pin-holes or pitting.
9. Surface finish must not discolor, come loose, peel, chip or flake during normal handling or use.
10. Finished wood must be smooth and evenly finished, free from cracks, splinters, rough edges and
11. uneven coatings. Hair cracks are not allowed.
12. Scratches, dents, chip marks, nicks... are not allowed.

## **V. Labels and Assembly Instruction:**

CARB2 Label (MDF & Plywood panel)/Law label(filling material)

Law label is stitched to non-woven fabric on the bottom of the ottoman seat.





- Assembly Instruction: Please refer to Assembly Instruction of this product.

## **VI. OTHER DETAIL CONSTRUCTION PHOTOS OF THE PRODUCT:**

### **Top view:**

No wrinkles for surface of cushion;

All stitching must be straight.

Single stitching. 5~6 stitches/inch.



### **Side view:**

## Storage Ottoman Bench



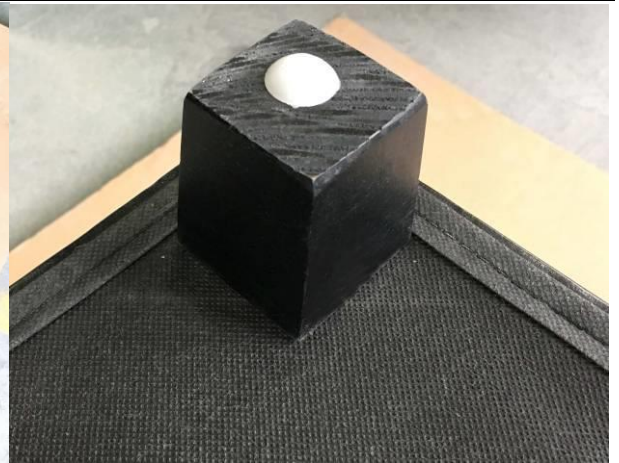
**Inside view:** storage space as below. 280mmH x 760mmL x 370mmD  
Have 2pcs safety lift stay and 2pcs safety hinges



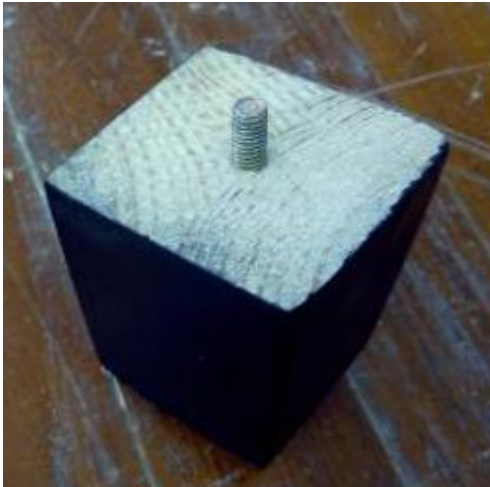
**Bottom Review:**  
Liner fabric with staples all around.



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**Foot:** solid pine foot; 1pc floor protector; KD foot w/1pc bolt in it.



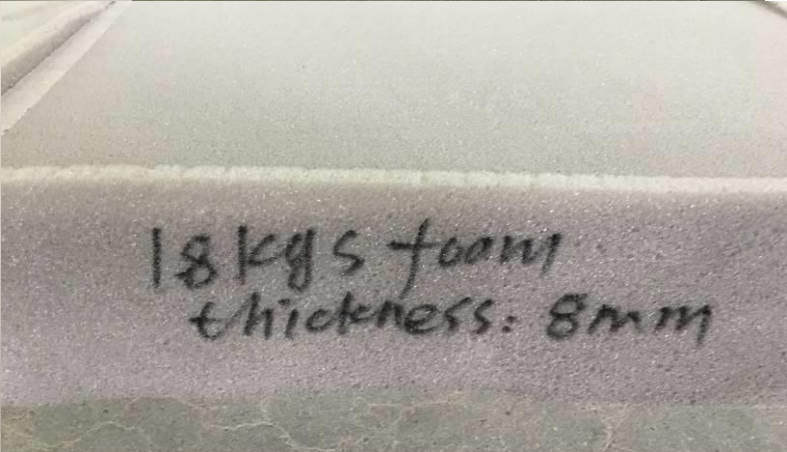
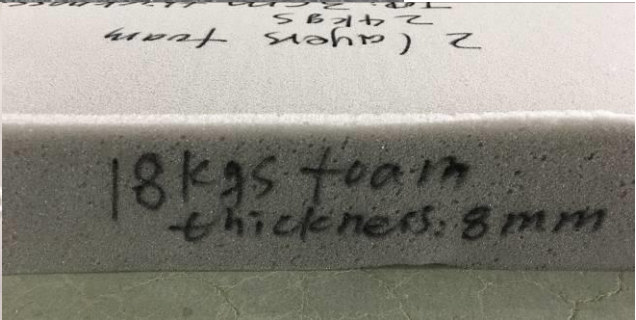
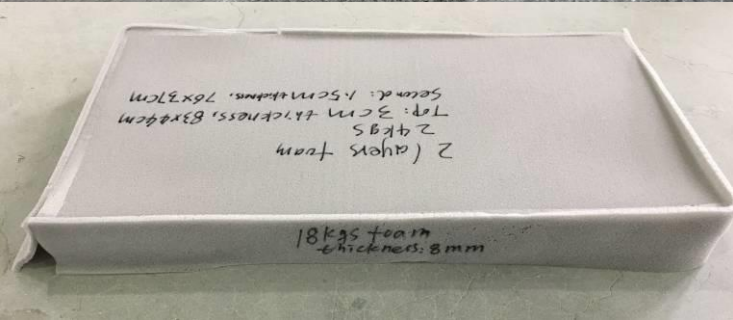
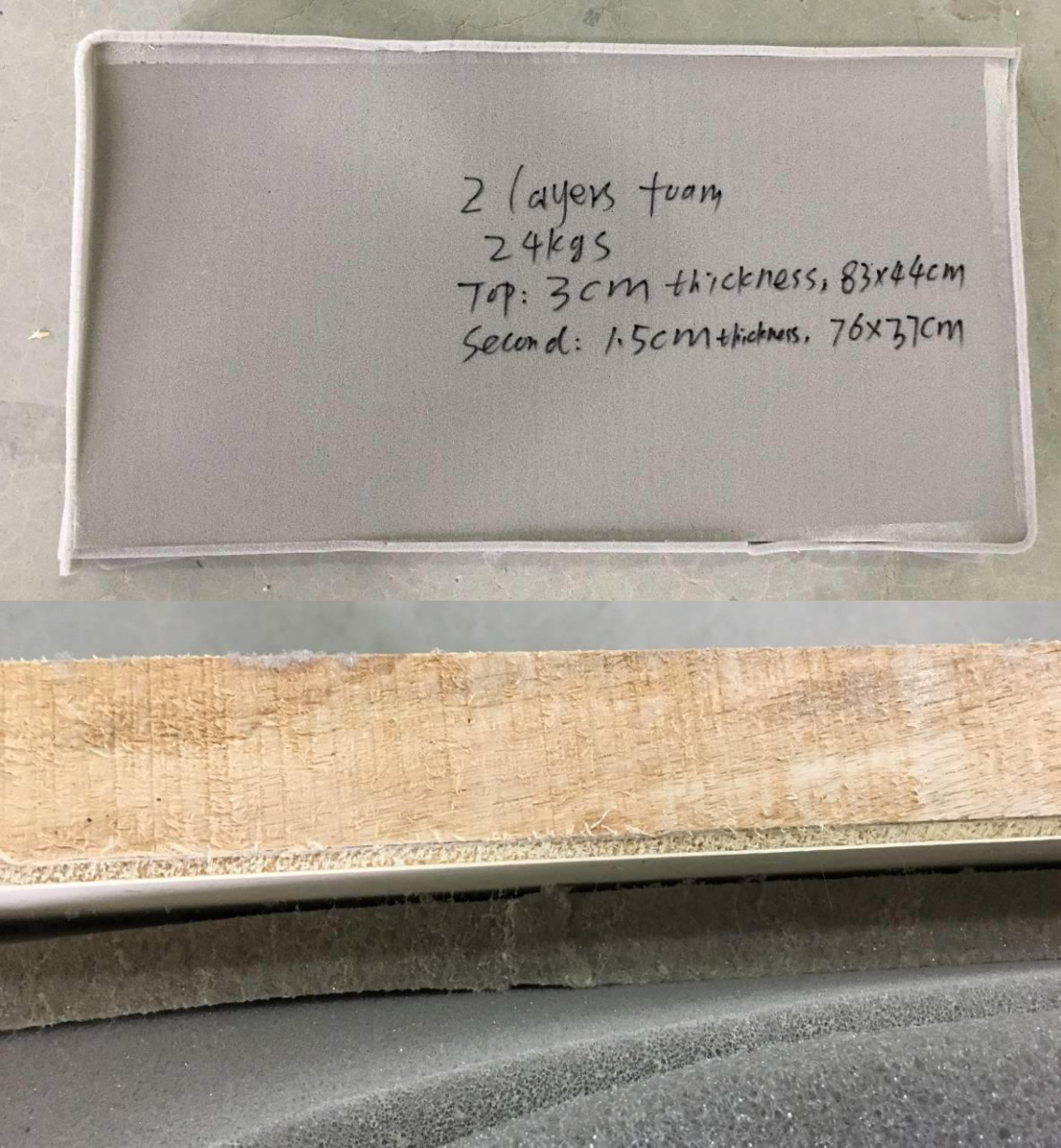
**Top cushion review:**

PU removed, 70g fiber batting wrapped, thickness 1cm



Fiber batting removed, 2 layers foam on the top, side wrapped by 8mm foam

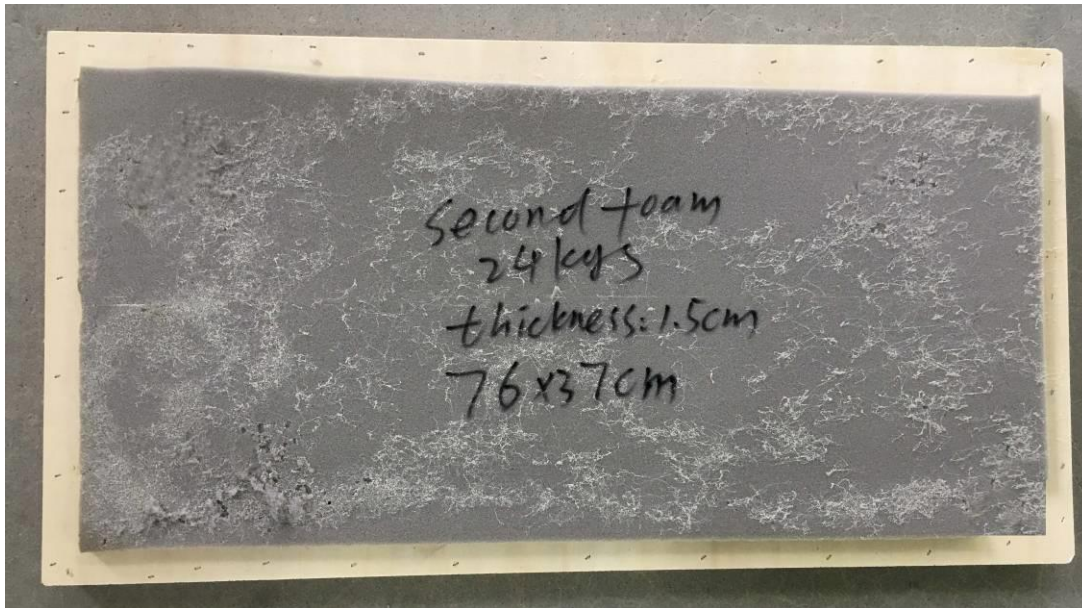




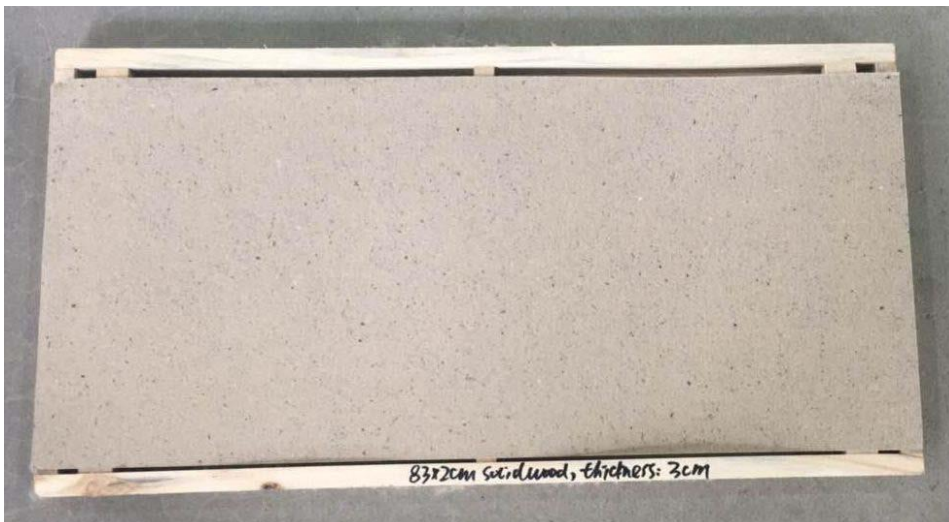


## Storage Ottoman Bench

Top foam removed, second foam on the plywood

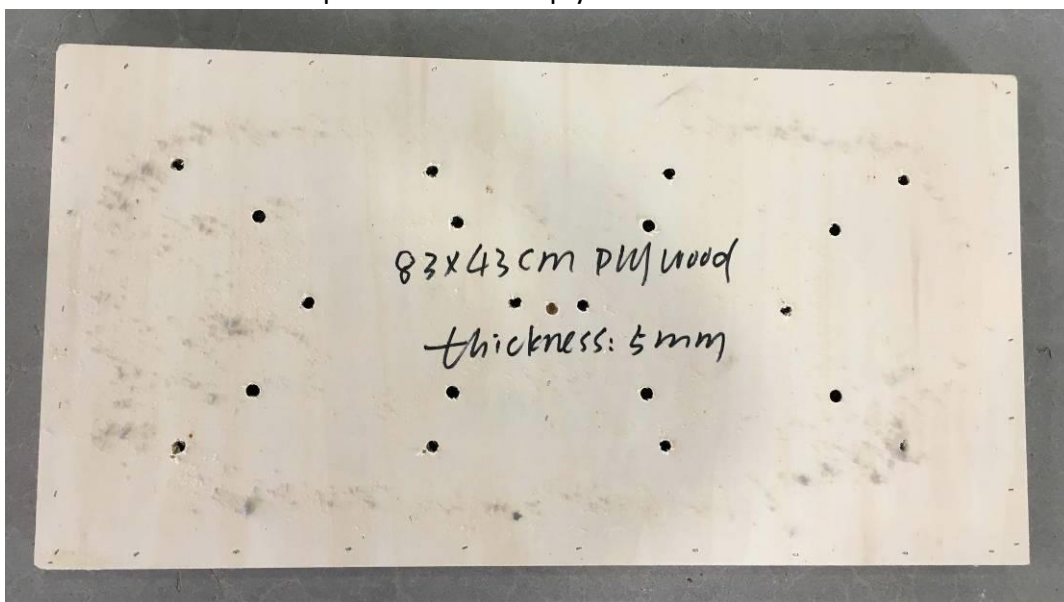


Second foam removed, wooden frame covered by 2mm paper board.



Paper board removed

Solid wood frame and top 5mm thickness plywood structure



Bottom review

## Storage Ottoman Bench



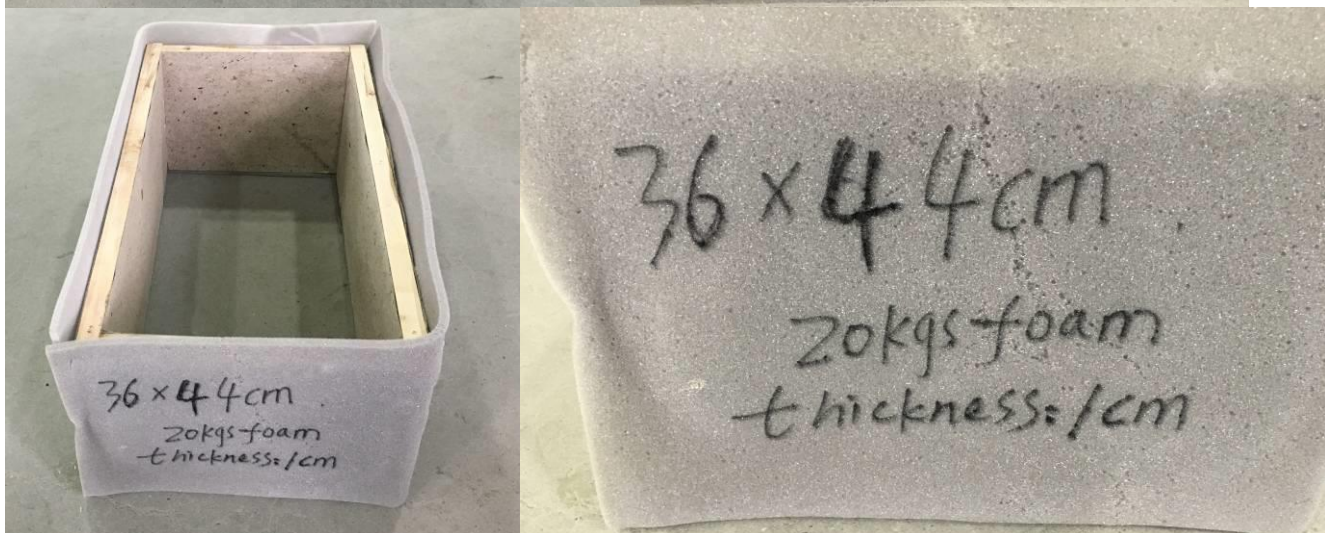
### Storage ottoman frame:

Wrapped by 10mm thick 20kgs density foam

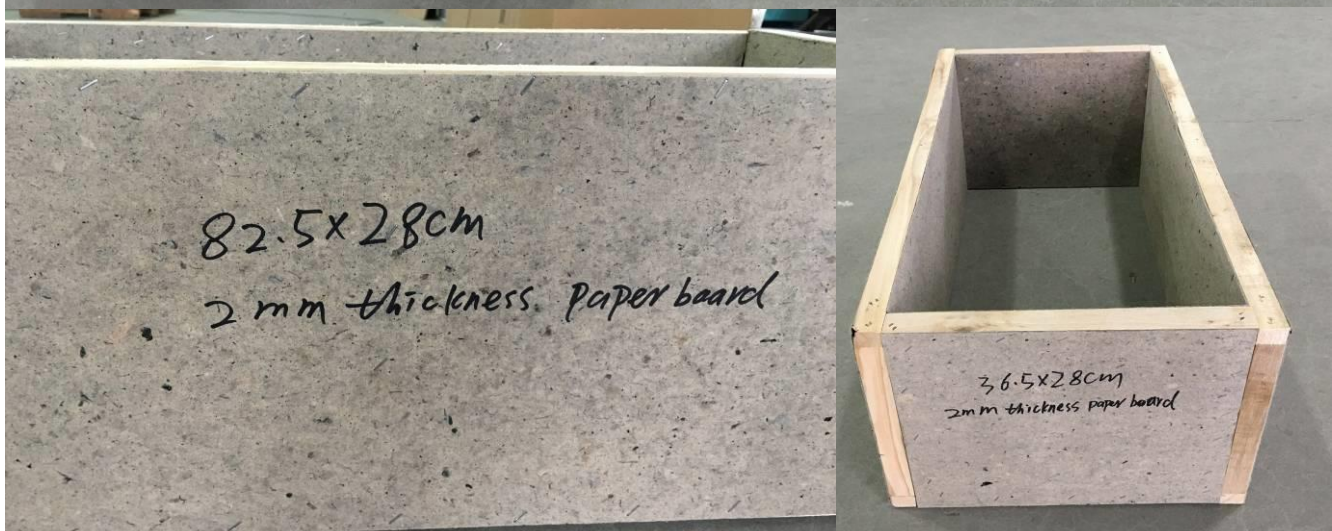
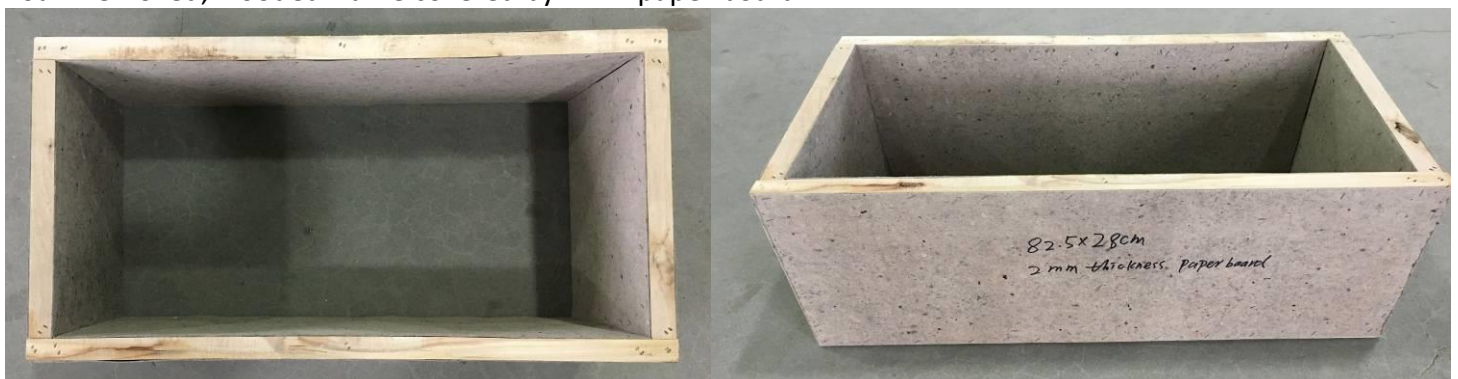




## Storage Ottoman Bench



Foam removed, wooded frame covered by 2mm paper board.





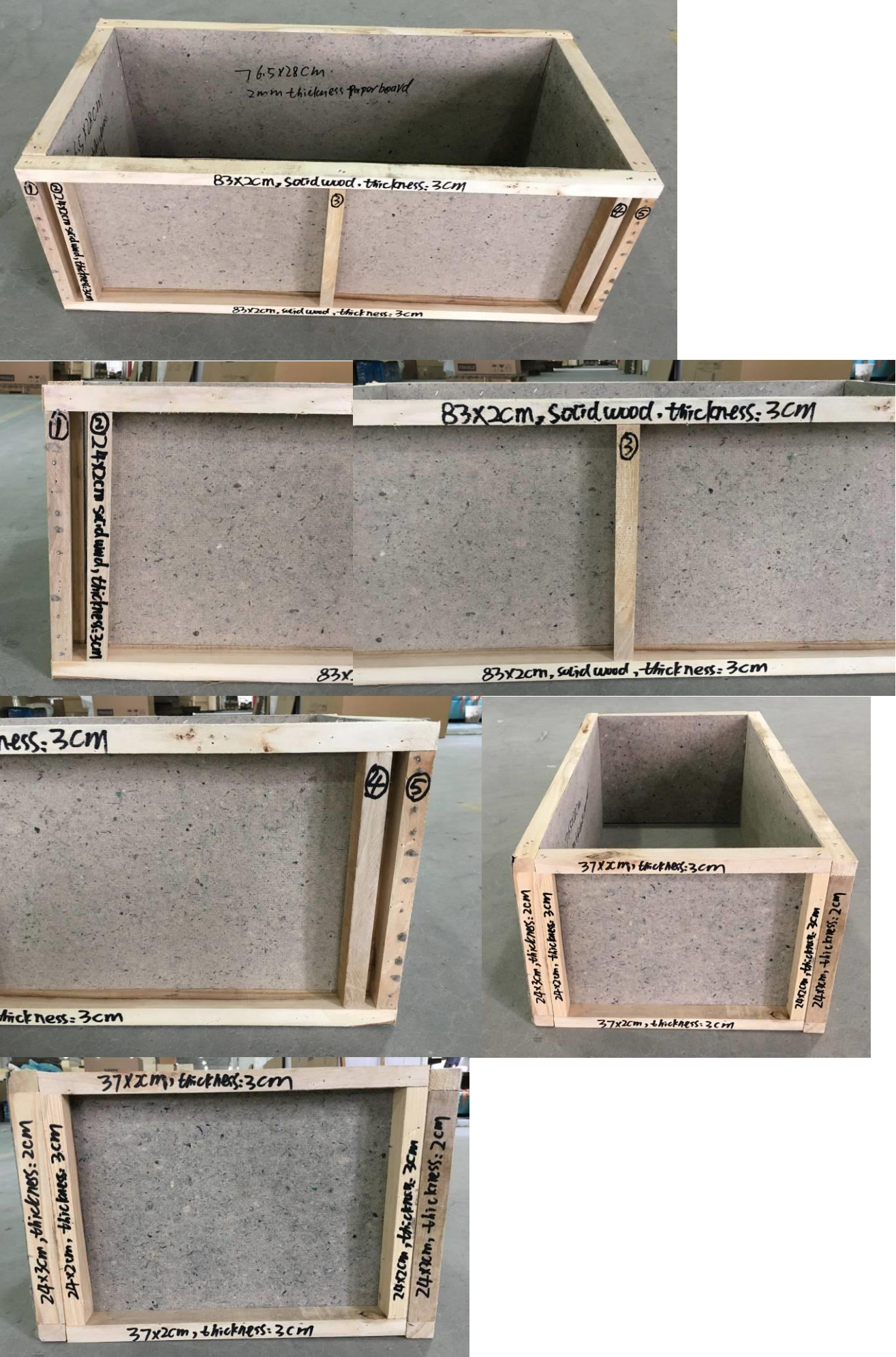
## Storage Ottoman Bench



Paper board removed, solid wood, 5pcs same size support wooden bars  
All Joint must be glued and connected with staples



Storage Ottoman Bench



Bottom panel: 5mm plywood+solid wood frame, 4pcs coner block with thread on the corner of panel for KD feet



Storage Ottoman Bench



VII. Packaging:

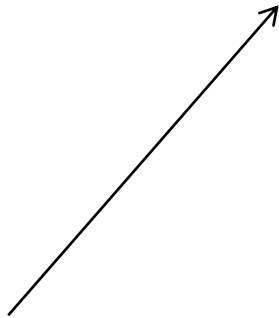




## Storage Ottoman Bench



stick the flaps of box with glue



Need shipping date(Batch Code) on four side of the carton box, plastic bag and micro-sheeting warp products.



Hardware package: 4pcs foot.