

**Professional for marine industry**



**Jiangyin Royal Machinery Equipment Co.,Ltd**

---

---

No.6 Xinyuan Road, Jiangyin City, Jiangsu Province, P.R.China 214400  
Tel:0086-510-86833551 Mobile/whatsapp:0086-15906155538



## Production for honeycomb panel

From 2018 year,we develop one line for automatic aluminum honeycomb panel production,the lamination raw materials start from aluminium sheet roll,PUR film roll and aluminium honeycomb,this automatic production method enables us one day 3000pcs standard size of aluminium honeycomb panel





Continuous production line for honeycomb panel





## Lamination method of aluminium honeycomb panel by PUR film

Aluminium honeycomb panel laminated with HPL

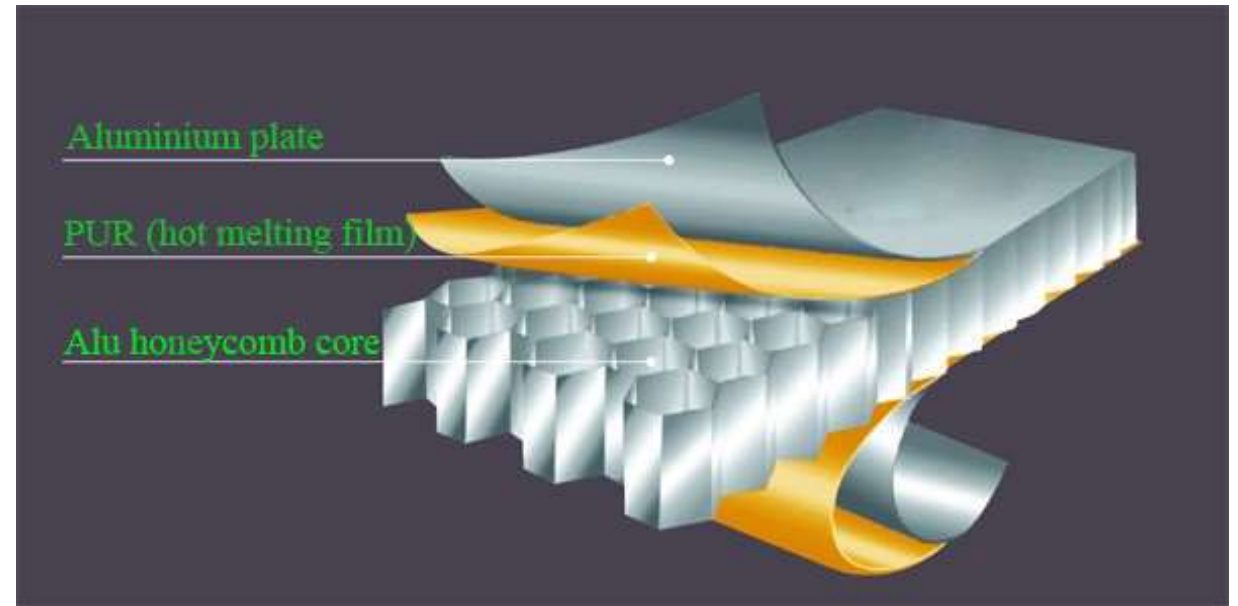
1. Structure: HPL+PUR+Alu plate+PUR+Alu honeycomb core+PUR+Alu plate+PUR+HPL

2. Features:

2.1 Eco-friendly

2.2 With high viscosity no bulge

2.3 Long life





## Comparison of hot melting film and glue



Laminated by hot melting film(PUR)



Laminated by glue



## Different edge types for honeycomb panel

1.U shape aluminium profile strip



2.Pre-treated wood strip (with insert reinforcement)



3.HPL strip (with insert reinforcement)



4.PVC strip (with insert reinforcement)





## Aluminum honeycomb furniture with HPL



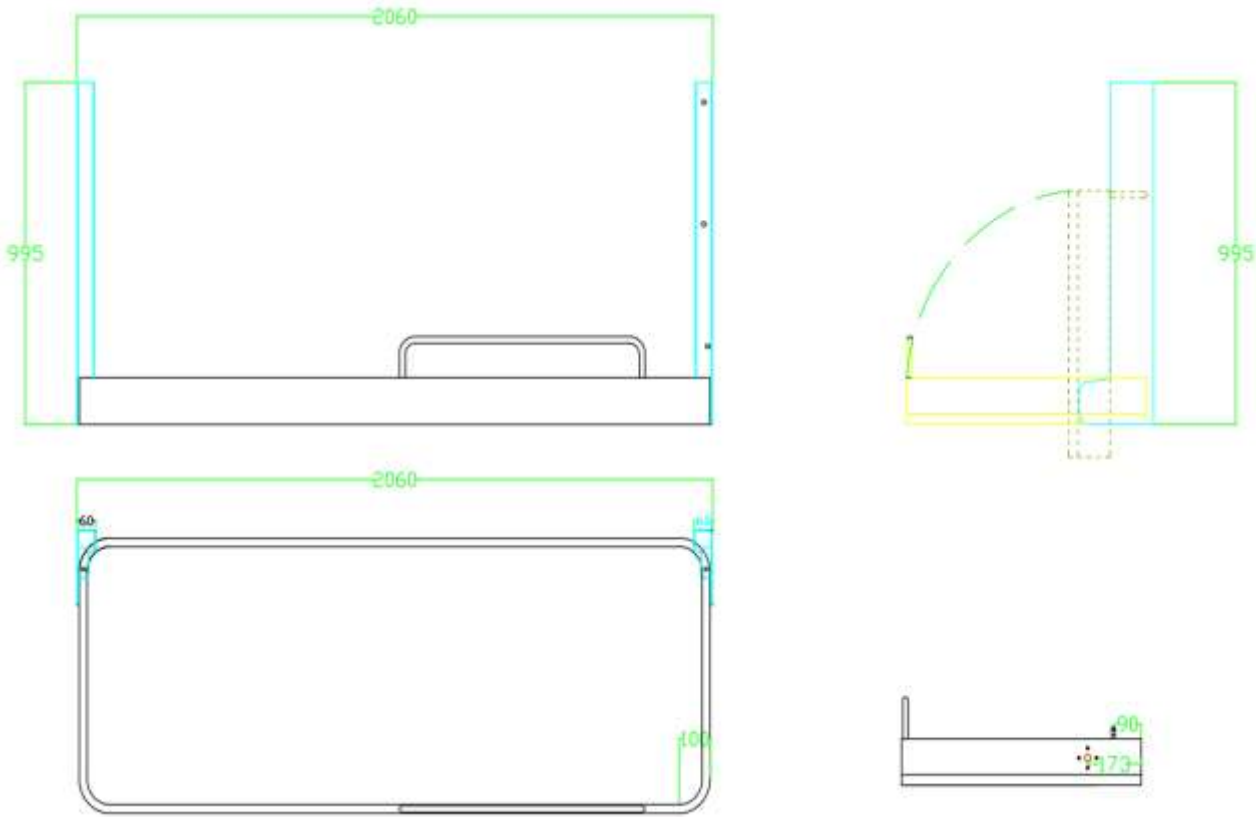


## Aluminum honeycomb furniture with HPL





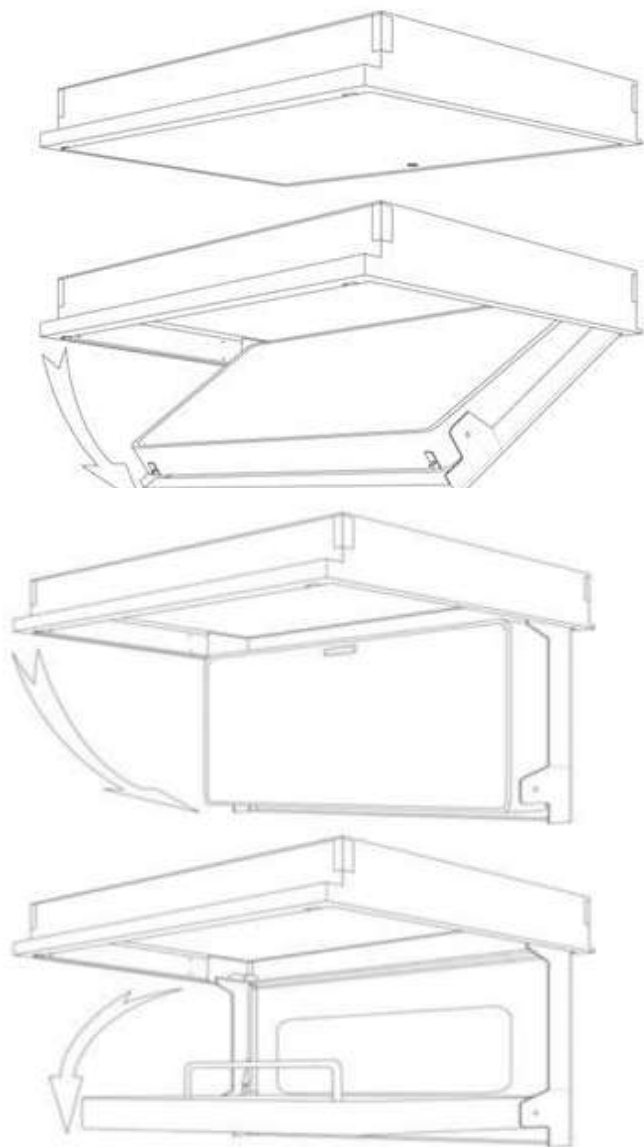
## Aluminum wall mounted pullman bed



Aluminum foldable wall bunk bed

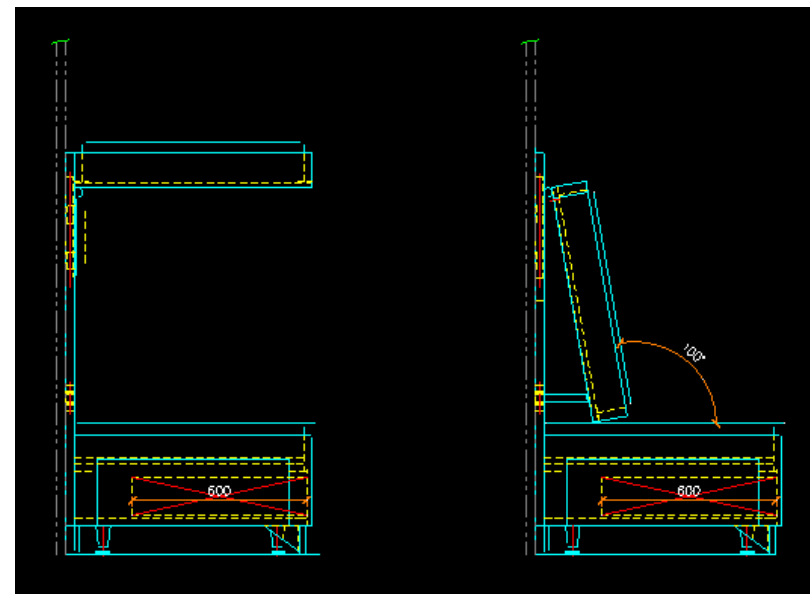


## Ceiling type pullman bed





Sofa bed





## Bunk pullman bed





## Aluminium bunk bed with powder coating



aluminum furniture with coating



## Single aluminum bed with two drawers



Wood laminated with fireproof formica panel



## Aluminium bunk bed with powder coating,two drawers



Aluminum bunk bed with coating



## Foldable aluminium bunk bed,wood transfer effect,with two drawers



Aluminum foldable bunk bed with wood transfer surface treatment



## Aluminium furniture





## Aluminium locker and filing cabinet





Marie Chart Table





## Aluminium/Steel body+top wood furniture





## Aluminium/Steel body furniture



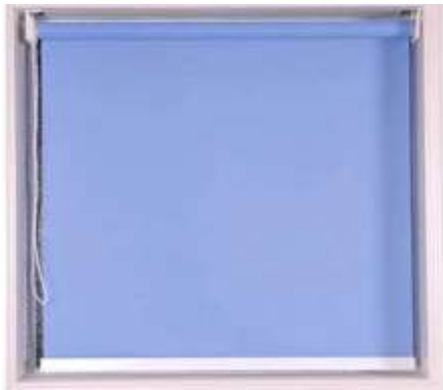


## Aluminium furniture-powder coating





Marine pillowcase mattress cover pillow blanket coloth duvet duvet cover bedspread





Mattress pictures





## Mattress with IMO MED certificates wheelmark



DNV GL

Certificate No:  
MED80003UB

### EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

**This is to certify:**  
**That the Bedding components**

with type designation(s)  
**D0801 Type Sponge Mattress**

Issued to

is found to comply with the requirements in the following Regulations/Standards:  
Regulation (EU) 2017/306,  
Item No. MED/3.21. SOLAS 74 as amended, Regulation II-2/3, II-2/9 & X/3, 2000 HSC Code 7 and IMO 2010 FTP Code

Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2023-04-11**.  
Issued at **Hamburg** on **2018-04-12**

DNV GL local station:  
**Jiangyin**

Approval Engineer:  
**Pavel Golyshov**



Notified Body  
No.: **0098**

for **DNV GL SE**

**Sven Dudzus**  
Head of Notified Body

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F), as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment", signed February 27th, 2004.

The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production surveillance module (D, E or F) of Annex 9 of the MED is fully completed with and controlled by a written inspection agreement with a notified body. The control facility runs with the manufacturer or his representative in accordance with Directive 2014/90/EU.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL SE of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

Form code: MED 381.DDU

Revision: 2018-12

www.dnvgl.com

Page 1 of 3

© DNV GL 2014. DNV GL and the DNV GL logo are trademarks of DNV GL AS.

DNV GL

Job Id: **344.1-007919-1**  
Certificate No: **MED80003UB**

### Product description

"D0801 Type Sponge Mattress"

Mattress is composed of:

1. Cover material: 0.65 mm thick, flame-retardant treated, full-polyester fabric, surface density 534 g/m<sup>2</sup>
2. Sponge: 9 mm thick, made of polyurethane, density 30(±5%) kg/m<sup>3</sup>
3. Non-woven fabric: 0.7 mm - 0.8 mm thick, made of polypropylene, surface density 20 g/m<sup>2</sup>
4. Sponge: 180 mm thick, made of polyurethane, density 30(±5%) kg/m<sup>3</sup>
5. Non-woven fabric: 0.7 mm - 0.8 mm thick, made of polypropylene, surface density 20 g/m<sup>2</sup>
6. Sponge: 9 mm thick, made of polyurethane, density 30(±5%) kg/m<sup>3</sup>
7. Cover material: 0.65 mm thick, flame-retardant treated, full-polyester fabric, surface density 394 g/m<sup>2</sup>

Total mattress thickness: approximately 200 mm.

For further details of the mattress see Type Examination documentation below.

### Application/Limitation

Approved for use throughout the accommodation as not readily ignitable bedding component.

Any thin light mattress or removable cover used in conjunction with the approved product is to be approved according to the Marine Equipment Directive.

Each product is to be supplied with its manual for use and maintenance

### Type Examination documentation

Test report no. FT17299 dated 13<sup>th</sup> of December 2017, issued by Far East Fire Testing Centre (FEFTC), Shanghai, China.

Product drawing no. 385-PD2017-01 Rev. 1.0 - Product structure diagram from the manufacturer.

### Tests carried out

Tested according to IMO Resolution MSC.307(88) - 2010 FTP Code Annex 1, Part 9.

### Marking of product

The product or packing is to be marked with name and address of manufacturer, type designation, fire technical rating, the MED Mark of Conformity and USCG approval number if applicable (see front page).

Form code: MED 201.DEU

Revision: 2018-12

www.dnvgl.com

Page 1 of 2



## Marine mattress





304/316 Stainless steel mess furniture





## 304 Stainless steel furniture



kitchen desk



washing table



chopping table



washing table



distribution table



hood



plane shelf



cupboard



## Lock&sanitary



C1-C

[Details>>](#)

C1-D

[Details>>](#)

C1-DA

[Details>>](#)

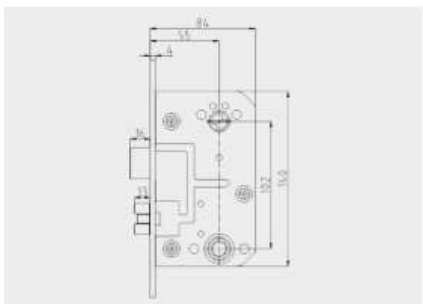
C1-L

[Details>>](#)

C1-M

[Details>>](#)

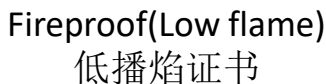
C1-Z

[Details>>](#)



## Rockwool wall panel&door window







## Domestic market

Military cooperated shipyard

Main China shipyard and Designing and Research Institute

## Foreign market

Indonesia

Philippines

UAE

Sweden

Norway

Ecudor

Australia

India

USA

Canada

Singapore

Denmark

Pakistan

Germany

South Korea

Russia

Brasil

South Africa



**Abel Tsao**

(Sales/Project Engineer)

**Jiangyin Royal Machinery Equipment Co.,Ltd**

No.6 Xinyuan Road,Chengjiang Town, Jiangyin City,  
Jiangsu Province,P.R.China 214400

Tel:0086-510-86833551

Mobile/whatsapp:0086-15906155538