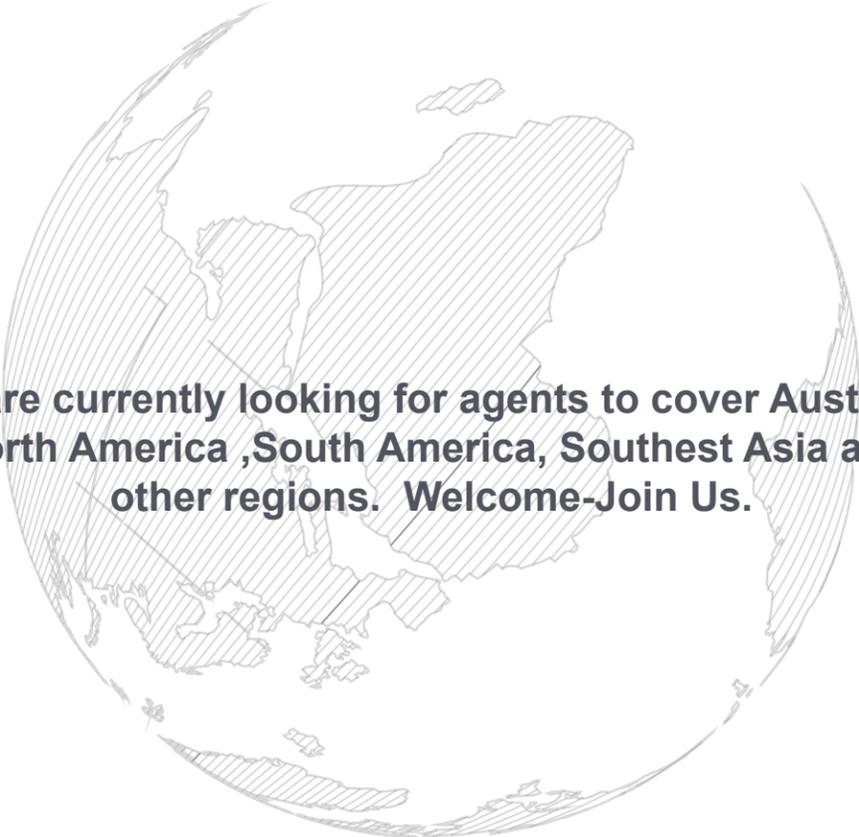


# ZMADTO

One Stop Supply Construction Boards & Furniture Boards.



We are currently looking for agents to cover Australia, North America, South America, Southeast Asia and other regions. Welcome-Join Us.



Do business easier with our help  
JV company of ADTO

## Changsha ZMADTO Plywood Co., Ltd

Company address: Mingcheng Building, No.46 Renmin East Road, Changsha, Hunan,China

Factory Add-1: ZuogeVillage, Wenan County,Langfang City, Hebei Province, China

Factory Add-2: Zhubao Industry, Park, Lanshan, District, Linyi City, Shandong Province, China

Tel: +86(0731)82810249 E-mail: info@zmadto.com

Website: www.adtomall.com www.zmadto.com

CHANGSHA ZMADTO PLYWOOD CO., LTD



01

ONE STOP SUPPLY CONSTRUCTION BOARDS & FURNITURE BOARDS.  
ZMADTO PLYWOOD

Construction Film Faced  
Plywood Qualified Supplier  
ZMAOTD

02

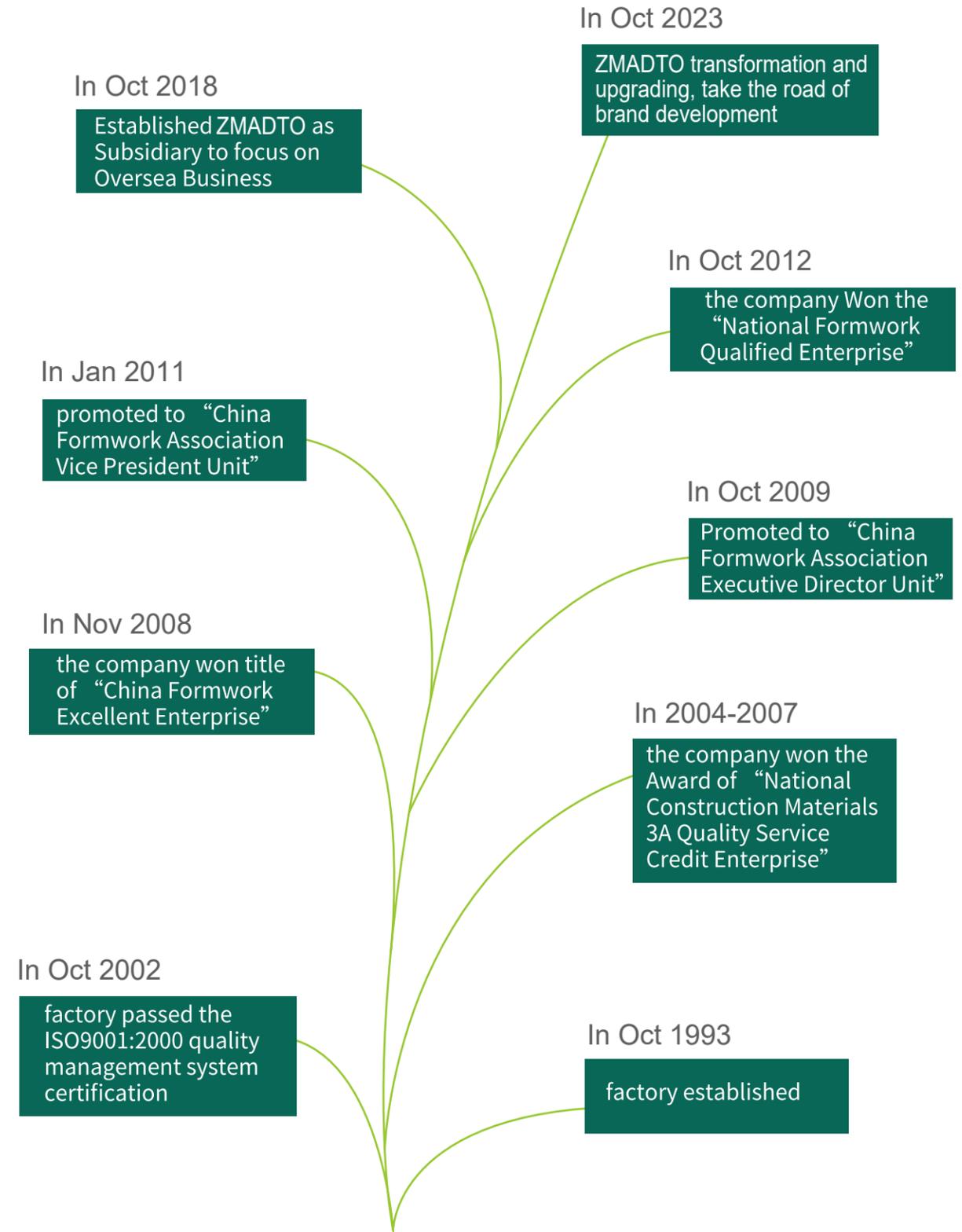


# COMPANY PROFILE

Changsha ZMADTO Plywood Co., Ltd is a business division of ADTO Group who aims to provide one stop solution for all construction & furniture industry. We ZMADTO Plywood take charge of producing construction Plywood & wood related products to serve all the construction requirement. Our production line includes outer door plywood which is film faced plywood for construction and indoor plywood include all types of commercial plywood, decorative plywood and furniture plywood.

Our factory was established in 1993 and covers an area of 240,000 square meters with an average daily output of more than 30,000 pcs plywood. Now we have more than 600 employees, including over 500 factory workers and 35 professional technical managers, almost 100 sales and operation team. Besides, the factory has more than 200 advanced equipment with the annual output of all wood products 600,000m<sup>3</sup>. After years of continuous development, it has become a leading company in the international wood formwork industry and exported to more than 20 countries around the world.

# CORPORATE HISTORY





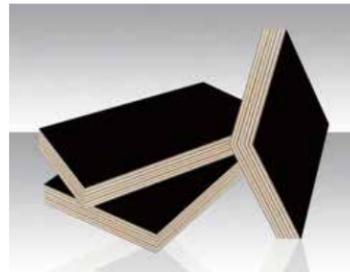
ZMADTO-FFP-A1

## BLACK FILM FACED PLYWOOD /MARINEPLEX

### Size Detail:

**Format size:** 1830x915; 2440x1220; 2500x1250mm or Customized

**Thickness:** 12-25mm



### Quick Detail:

- Main Material: Finger Joint, Poplar, Eucalyptus(Hardwood), Birch
- Glue: WBP, Melamine, Phenolic
- One Time Pressed or Two Times Pressed
- Light Weight, suitable for the high-rise buildings and bridge construction
- Corrosion Resistance: No pollution to concrete surface
- Good weather resistance, can withstand temperatures -10°C~50°C
- Can be sawed, nailed, High-strength, can be used above 15 times



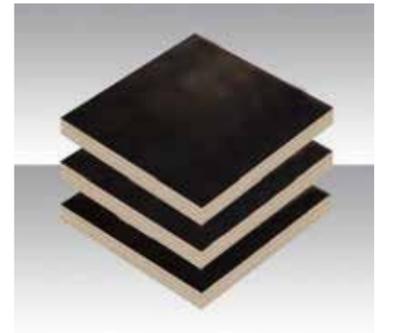
ZMADTO-FFP-A2

## FINLAND DYNEA FILM FACED PLYWOOD

### Size Detail:

**Format size:** 1830x915; 2440x1220; 2500x1250mm or Customized

**Thickness:** 7-21mm



### Quick Detail:

- Material: Poplar, Eucalyptus(Hardwood), Combi, Birch
- Two Times Pressed or Three Times Pressed
- Can be boiled up to 72hours
- High-strength, Good-toughness and Not easily deformed
- Suitable for Steel and Aluminum Formwork supporting, nuclear power plants, bridge tunnel projects, airport terminals, etc.
- Can be adapted to various climatic conditions, suitable for all kinds high standard and high-requirements construction projects.





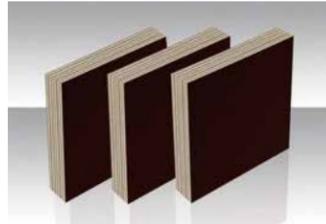
ZMADTO-F17-A3

## FORMPLY F11 F14 F17 F22 F27 FORMWORK SOLUTIONS

### Size Detail:

**Format size:** 600x1800; 600x2400; 1200x1800mm; 1200x2400mm or Customized

**Thickness:** 17mm



### Quick Detail:

- Material: Eucalyptus(Hardwood), Combi, Birch
- Three hot times pressed
- Film: Brown, Black(Matte and Gloss Face for choice), painting grey edge
- AS6669:2016, AS/NZS2098.4:2006(R2016)
- Formaldehyde Emission classes: super E0
- Adhesive: Exterior Grade. Phenolic A Bond
- Application: Conventional & system formwork, Heavy civil engineering, Mining applications, Jumpforms, DecksPrecast, Tilt-up panels



ZMADTO-NSF-A4

## ANTI-SLIP /ANTI-SKID/WIRE MESH/NON SLIP FILM FACED PLYWOOD

### Size Detail:

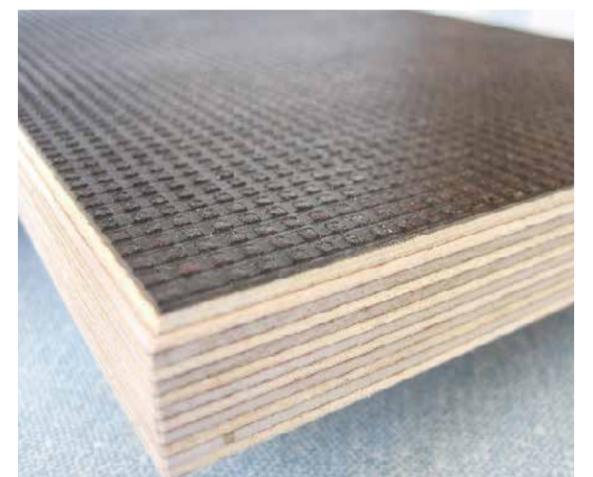
**Format size:** 2440x1220mm or Customized

**Thickness:** 12mm 15mm 18mm 21mm 27mm 30mm or Customized



### Quick Detail:

- Material: Poplar, Birch, Eucalyptus, Combi, Mixed hardwood, Pine, etc.
- Two Times Pressed or Three Times Pressed
- Origin of film: imported film (Dynea brand or Stora Enso brand) / China local film
- High durability, eco-friendly waterproof-wbp, high wear resistance, decorative patterns, etc.
- Application: Stage plate, Shelf board, Ship board, Speaker board, Carriage board, Grandstand, Bridge plate, Attic partition, Air box board, Scaffolding anti-skid pedals, Commercial supermarket trolley floor tent, Double Sided Anti-Slip Ship Board, Stable non-slip hoarding, Mechanical Equipment Anti-slip Accessories





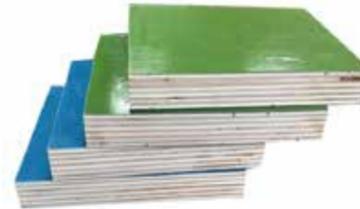
ZMADTO-PFF-A5

## PLASTIC FILM FACED PLYWOOD

### Size Detail:

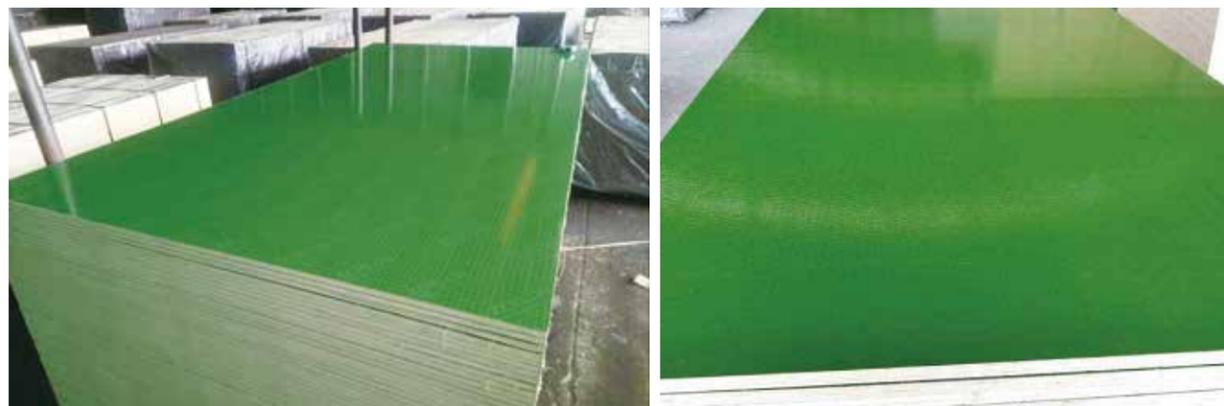
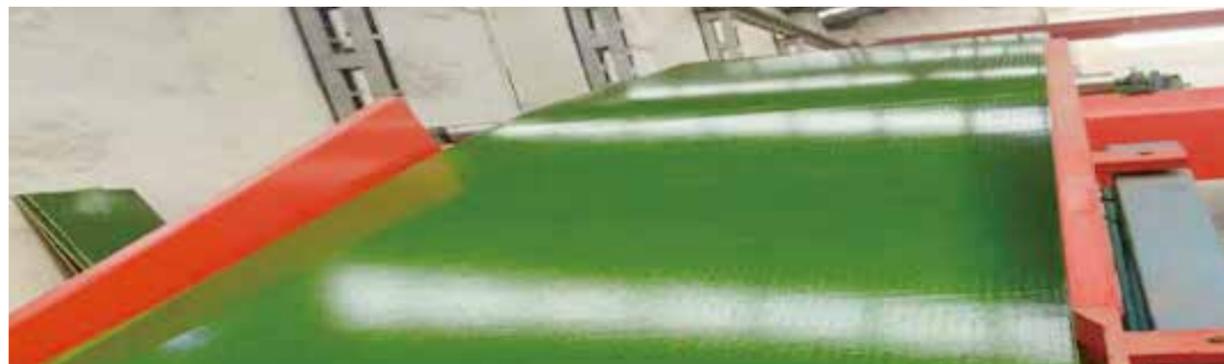
**Format size:** 1830x915; 2440x1220; 2500x1250mm or Customized

**Thickness:** 12-25mm or Customized



### Quick Detail:

- Material: Poplar, Eucalyptus(Hardwood), Combi, Birch
- Two Times Pressed
- When pouring concrete, its surface no need to brush the releasing agent, can be easily released.
- Can withstand temperatures -40°C~100°C
- Widely used in dams, nuclear power plants, bridges, tunnels, air-port, stadiums, etc. Also suitable for engineering guardrail and package of special mechanical equipment.



ZMADTO-CFF-A6

## FLEXIBLE/CYLINDRICAL /CIRCULAR FILM FACED PLYWOOD

### Size Detail:

**Format size:** Diameter300mm (above) xLength2400mm (above)

Diameter1200mm (above) xLength2400mm (above)

**Thickness:** 15-21mm or Customized



### Quick Detail:

- Core: Birch/poplar
- Glue: WBP/Melamine
- High-strength, light-weight and strong waterproof performance
- Applied for all kinds of civil or commercial buildings, such as bridges, European style buildings, hospital, gas stations, etc.



ZMADTO-SPP-A7

## STEEL FRAME PLYWOOD / STEEL FRAME PVC PANEL

### Size Detail:

**Format size:** 300x1200mm; 600x1200mm, 3000x1200mm or Customized

**Plywood/PVC thickness:** 12mm

**Materials:** (1)45# steel or Q235 + Plywood  
(2)45# steel or Q235 + PVC Panel

**Color:** Blue/Yellow or Customized

### Advantages:

- Designed to form both straight and radius walls
- No special tools required - just a hammer
- The most economical, most versatile, and most efficient way to form concrete!
- Applied for all kinds of civil or commercial buildings, such as bridges, European style buildings, hospital, gas stations, etc.



ZMADTO-SFF-A8

## STEEL FRAMED FORMWORK SYSTEM

### Quick Detail:

- High load capacity to 90KN/sq.M
- Long reusable life to 7 years (Face panel 30 times reusable)
- Easy erection and dismantle. 80% labor saved and more fast working
- Minimum disposal materials and waste



Ultra-efficient  
Formwork  
Solutions



Super-Fast Form-  
work Erection,  
Average rate: one  
person 100 m<sup>2</sup>/day,  
20 min complete  
column form  
setup

ZMADTO-PVC-A9

## PLASTIC FORMWORK PANEL /PVC BOARD

### Size Detail:

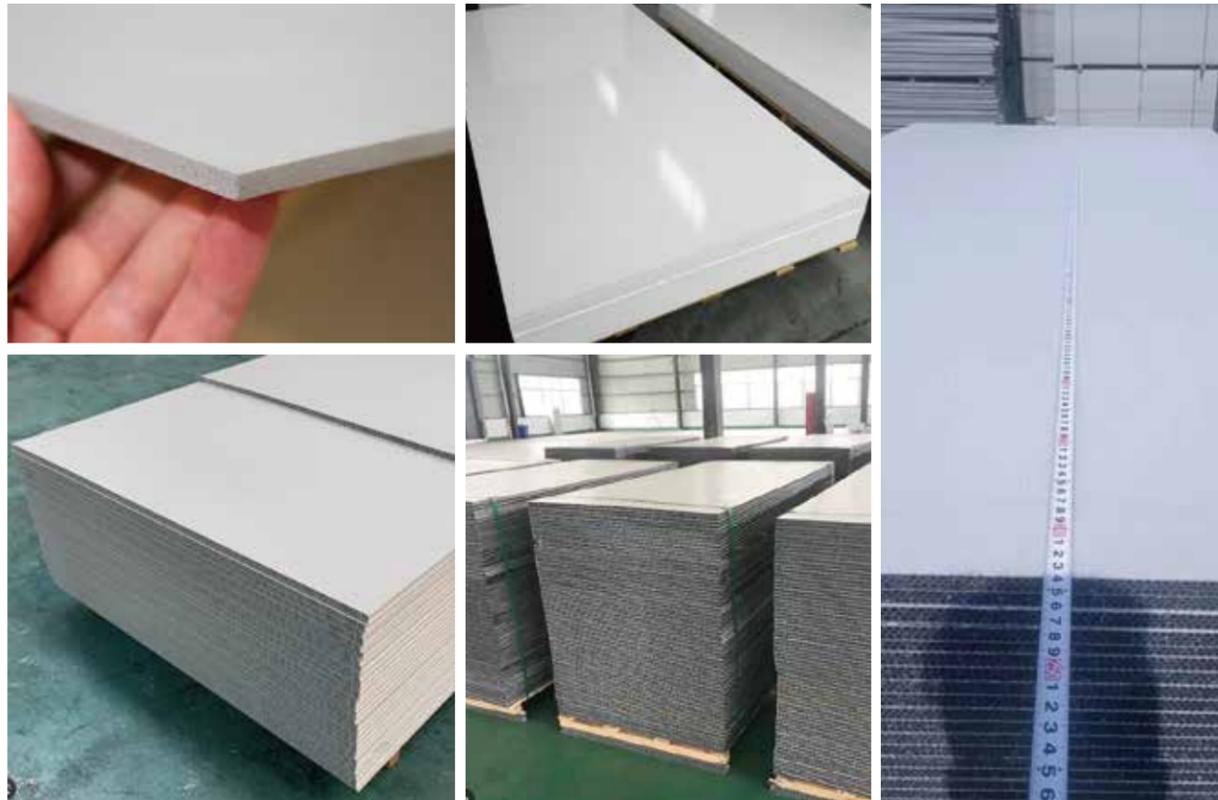
**Format size:** 2440x1220mm or Customized

**Thickness:** 10mm-22mm



### Quick Detail:

- **Material:** PP alloy material, moisture resistance, acid resistance, alkali resistance, corrosion resistance
- **Convenient construction:** high strength, light weight, strong impact resistance, can be sawed, planed, nailed
- **High turnover times:** 50-80times
- Fast demoulding speed
- Easy to clean and maintain



ZMADTO-WB-A10

## H20 WOODEN BEAM

### Size Detail:

**Size:** Flange 40x80mmxLength; Web: 27x150mmx Length; Height:200mm

**Length:** 1m, 2m, 2.9m , 3.6m , 3.9m, 5.9m or Customized



### Quick Detail:

- **Raw material:** Pine LVL for Flange, Poplar Plywood for Web.
- **Glue:** 100% WBP Phenolic Glue.
- **Density:** 5.0-6.0kg/M
- **Water Content:** 5-12%
- **Length:** 1-12M available.
- **Painting:** Yellow waterproof painting or as per request.
- **Usage:** Formwok.
- **Features:** High dimensional stability, long service life.

Wide application in girder based formwork system, such as shear wall formwork, slab formwork, column formwork etc.





ZMADTO-LVL-A11

## LVL WOODEN BOARD

### Quick Detail:

- **Core material:** Pine, Radiata Pine
- **Standard:** OSHA, Middle Duty/Heavy Duty AS1577
- **Dimensions:** Width: 225mm, 230mm, 235mm etc.  
Thickness: 38mm, 42mm etc.  
Length: 2m, 3.9m, 4m, 6m, etc.
- **Glue:** Melamine glue, WBP Glue, Phenolic glue etc.
- **Formaldehyde emission:** E2, E1 etc.
- **Surface:** Surface sanding, edges chamfer
- **End painting:** Green, Yellow or customized
- Edge Chamfered, logo and OSHA embossed



ZMADTO-OSB-A12

## OSB

### Specifications:

- **Size:** 1220\*2440mm or Customized
- **Material:** Poplar, Combi, Pine
- **Glue:** E0, E1, E2, WBP Phenolic, WBP Melamine
- **Application:** Flooring, Wall, Ceiling, Furniture, Packing, Construction, Structural etc





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ZMADTO-CP-A13

## COMMERCIAL PLYWOOD

### Quick Detail:

- Size can be customized, high-strength, strong waterproof and corrosion resistance, high re-used rate.
- Strong shock-resistant and not easily damaged by daily use
- Widely used in wood packaging industry, construction industry, and furniture area, etc.

### Specifications:

Size:1220\*2440mm,1250\*2500mm or Customized

Material:Poplar, Combi, Hardwood

Glue: E0, E1,E2 or others

Grade:BB/BB,BB/CC,CC/CC,CC/DD,DD/EE,etc



Bingtangor Plywood



Okoume Plywood



Birch Plywood



Pencil Cedar Plywood



Marine Plywood



EV White Commercial Plywood

ZMADTO-F4SP-A14

## JAS F4 STAR STRUCTURAL PLYWOOD

### Quick Detail:

- **Format size:** 910x1820mm;1220x2440mm or customized
- **Thickness:** 2mm 3mm 6mm 9mm12mm15mm18mm or customized
- **Main Materials:** Poplar
- Veneer board surface finishing: birch, basswood, poplar veneer
- **Application:** building construction structural boards, wall panel, flooring, laser cutting furniture, etc.





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ZMADTO-MLMP-A15

## MELAMINE LAMINATED MARINE PLYWOOD

### Quick Detail:

- **Format size:** 1220x2440mm or Customized
- **Thickness:** 2mm to 21mm or Customized
- **Core Materials:** Finger joint, Poplar, Pine Combi, Hardwood, Birch
- **Surface Treatment:** Matt, textured, glossy, bright, smooth, embossed or magic, PET skin feel, PET High gloss, UV, ect.
- **Application:** Cabinet, Wardrobe, Desk, Table, Hotel, Hospital, Interior decoration etc.



ZMADTO-MDF-A16

## MDF BOARD

### Quick Detail:

- **Format size:** 1220x2440; 1830x2745; 1850x2500; 2100x2800mm
- **Thickness:** 2mm to 50mm
- **Types:** raw MDF, MR MDF, FR MDF, Black MDF, Melamine MDF
- **Color:** Raw, melamine grain, solid color
- **Grade:** ENF/NAF/P2/ F4/E0/E1/E2





ZMADTO-PB-A17

## PARTICLE BOARD/CHIPBOARD

### Specifications:

**Format size:** 1220x2440;1220x2745;1220x3050 mm or Customized

**Thickness:** 9mm to 50mm

**Types:** plain particle board, MR particle board, Melamine particle board

**Color:** Raw, melamine grain, solid color

**Grade:** ENF/NAF/P2/ F4/E0/E1/E2



ZMADTO-CD-A18

## MODULAR CABINET DOOR

### Size Detail:

**Format Size:** 2440x1220mm or Customized

**Thickness:** 12mm 18mm or Customized



### Quick Detail:

- Multi-functional design: veneer/melamine/flat lacquer/shaker lacquer/solid wood/PVC/PET/Acrylic and so on.
- 2.Style: Light luxury minimalist series , Cabinet series , Multilayer board series, Mosaic series, Coloration series , Ward-robe series , Grid series, Venetian series, Background wall series, etc.
- Advocating simplicity and fashion
- The design concept of people oriented, the perfect combination of sublime vision and touch, and the imperceptible delicacy detail and nobility





ZMADTO-BB-A19

## BLOCK BOARD/MELAMINE LAMINATED BOARD

### Size Detail:

**Format Size:** 2440x1220mm

**Thickness:** 12mm, 15mm, 18mm or Customized



### Quick Detail:

- Main Material: Poplar, Pine, Birch, Paulownia
- Surface Treatment: Matt, textured, glossy, bright, smooth, embossed or magic, PET skin feel, PET High gloss, semi-gloss, UV, ect.
- Grade: E0, E1, E2
- Usage: It's widely used for furniture, decoration, cabinet, wardrobe and construction
- Advantage: Light weight, little linear expansion, easy construction, high bending strength



ZMADTO-SWB-A20

## SOLID WOOD BOARD/PINE FINGER JOINT PLYWOOD

### Size Detail:

**Format Size:** 2440x1220mm

**Thickness:** 6mm to 18mm or Customized



### Quick Detail:

- Main Material: Poplar, Pine, Birch, Paulownia
- Types: paulownia wood board, pine wood board, poplar wood board, cedar wood board, oak wood board, carbonized wood board, wooden bed slats
- Grade Level: AA, AB, BB, CC, DD
- Application: Furniture, Wooden Crafts, Musical instruments, Automotive sector, Construction, Decoration, Coffins, Doors, Surfboard, Ski boards, Kite board, Core fillings, etc

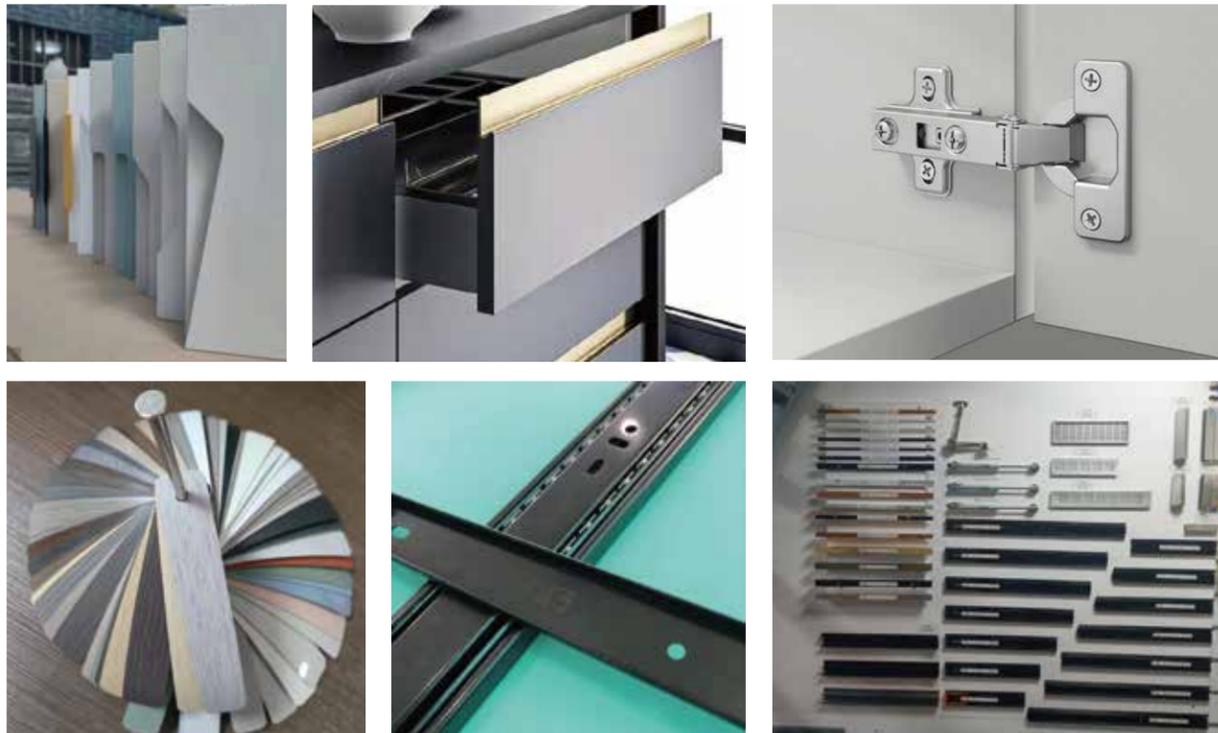




ZMADTO-EFH-A21

## PVC EDGE BANDING -FURNITURE HARDWARE

- PVC edge banding size : 15mm x 1mm x 100m, 19mm x 0.6mm x 200m, 19mm x 1mm x 100m, 22mm x 1mm x 100m, 40mm x 1mm x 100m, 50mm x 1mm x 100m or Customized
- Furniture Hardware: Hinge, Slide, Handle, Screw caps ,Clothes rail bracket, Nails, Gas Springs, Extraible cupboard basket, Accessories



ZMADTO-WD-A22

## WOOD DOOR

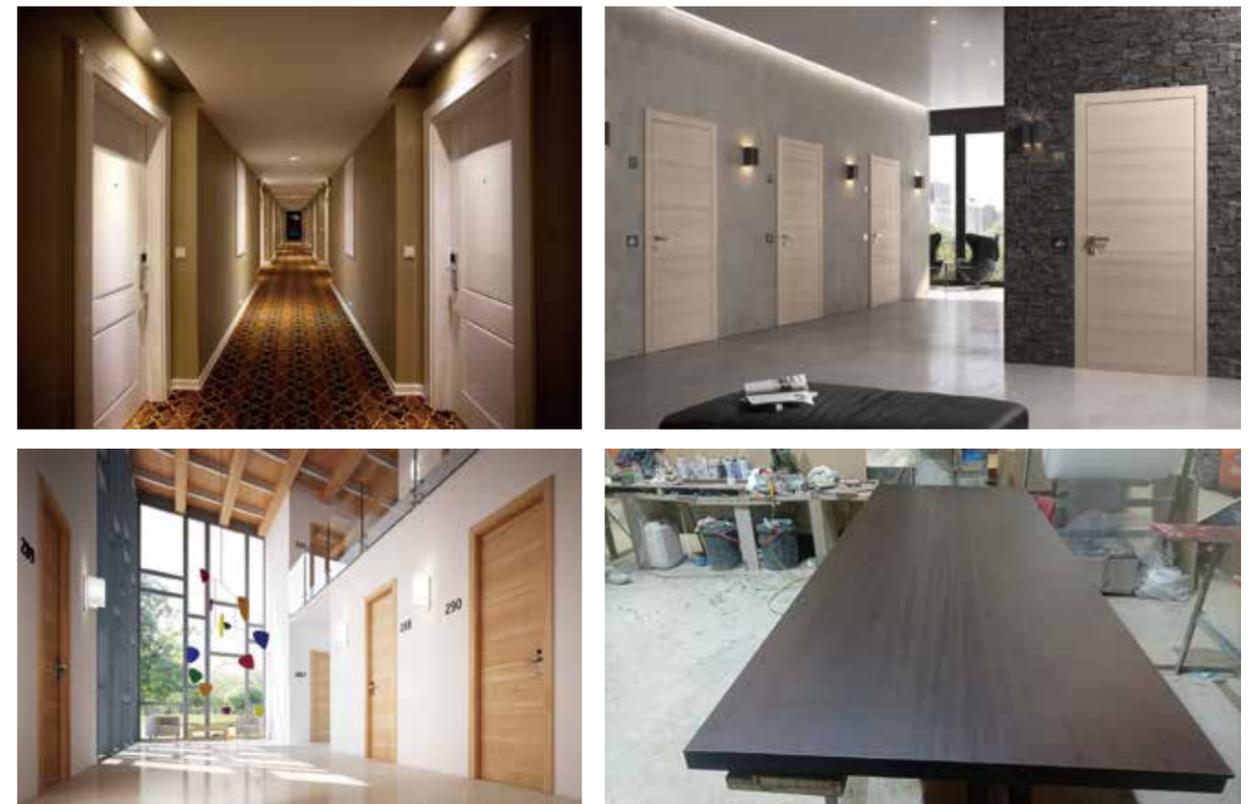
### Size Detail:

**Format Size:** 2100x900mm, 2000x800mm or Customized  
**Thickness:** 38mm 40mm 42mm 45mm or Customized



### Quick Detail:

- **Material:** MDF+ Solid Wood /Plywood
- Exterior entry doors, Flush wood doors, Stile& rail wood door, Hotel doors
- **Accessories:** Handle/Lock /Hinge
- **Advantages:** Excellent energy efficiency, exceptionally durable
- **Application:** Bedroom, Kitchen, Hotel, Hospital, School, etc.





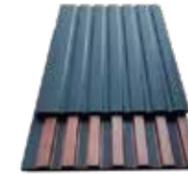
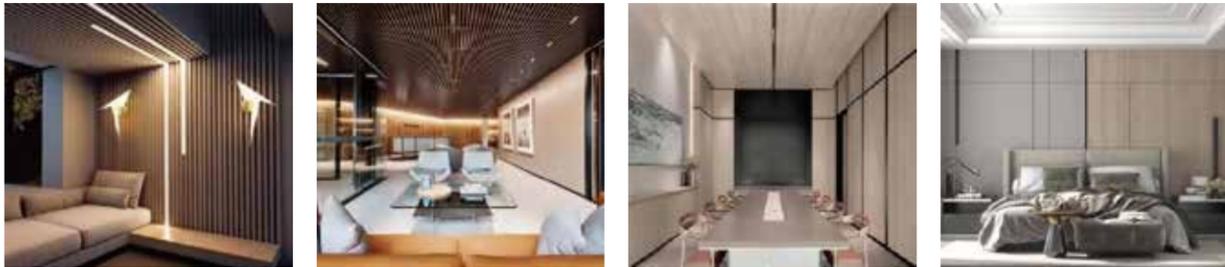
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ZMADTO-WPC-A23

# WPC WALL PANEL



150×8mm(solid)  
700g/m



150×9mm  
520g/m



150×14 mm  
750g/m(138×14)



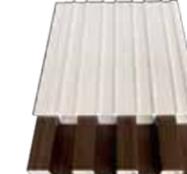
155×25 mm  
1,100g/m(160×25)



160×15 mm  
660g/m



160×18 mm  
680g/m(155×17)



160×24 mm  
830g/m(168×24)



170×10 mm  
620g/m, 7 groove



170×16 mm  
900g/m, 8 groove



170×17 mm  
800g/m, 6 groove



170×22 mm  
950g/m, round



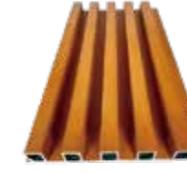
195×10 mm  
750g/m(204×10)



195×12 mm  
750g/m(200×12)



195×15 mm  
800g/m(203×15)



195×20 mm  
900g/m, 5 groove



195×25 mm  
1,050g/m(203×25)



195×28 mm  
1,150g/m(220×28)



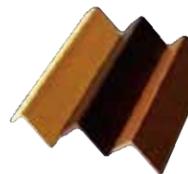
204×13 mm  
930g/m



204×16 mm  
950g/m



230×9 mm  
950g/m



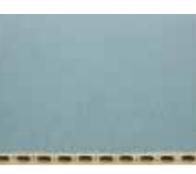
25×25mm



50×50mm  
100×50mm



40×45mm  
50×90mm



400×8mm  
1.8kg/m



# FACTORY SHOW



# PRODUCTION PROCESS



LAMINATING



SPLICE



PRE-CORE BOARD



PUTTYING



SANDING



COVERING

# PROJECT PICTURE SHOW



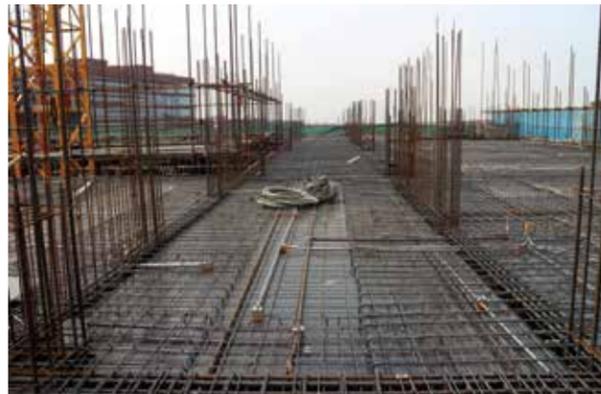
The working field of 24 cities in Chengdu



National Stadium Bird's Nest Project



The project of The Chinese academy of sciences laboratory in Lanzhou



Vanke Jinyuhua project in Urumqi



Airport project in Urumqi



Beijing International Airport Project

# HONORS & TESTING REPORT

