

# Engineered wood panels surface MDO plywood

## 1. Product Introduction

MDO means Medium Density Overlays, which is paper overlays of phenol formaldehyde resin saturated and is designed to be used on plywood

MDO can provide smoothness for the rough wood based panel for better painting and for smoother concrete finish; Hardness for better wears and impact resistance; Enhanced appearance for choice of color and variety of designs. In particular, as billboards and signs, they are all very good choice

MDO has a heavy basis weight and it is nearly "C" staged, it has a very good masking capability against imperfections of the plywood surface.

MDO provides a smooth, uniform surface for the soft wood plywood, The process of production process requirements of MDO plywood are strict. glue, pressure, and time requirements are all higher MDO paper itself is also more durable .

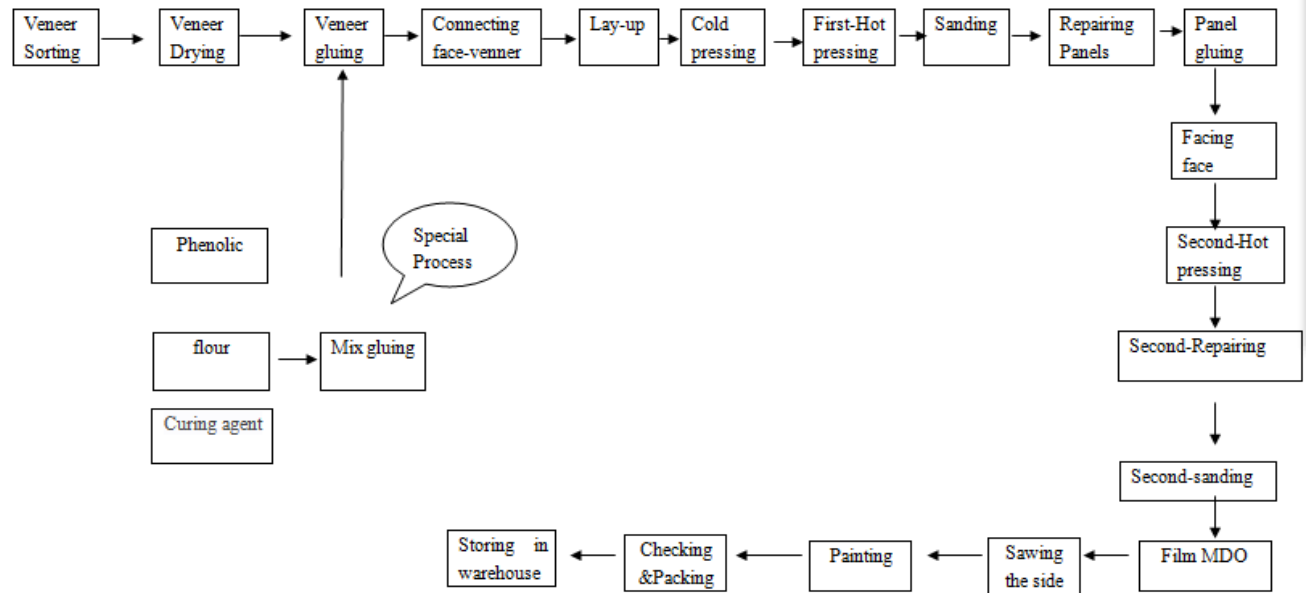
MDO products in the market are high quality exterior panel.

It can used more times than ordinary film face plywood

## 2. Product Information

Name	MDO plywood
MDO model	Manufacture: Dynea (China)Co., Ltd (Similar to the American MDO, model 3303)
Grade	First-class
Size	1220*2440mm /1250*2500mm upon request
Thicknee	9-24mm upon request
Tolerance	0.3mm-0.5mm
Core	Eucalyptus hardwood ;Combi ;Poplar
Density	560-680kg/m <sup>3</sup>
Face/Back	MDO/Film ;MDO/MDO
Glue	WBP Phenolic
Formadehyde Emission	E1
Usage	<u>Outdoor</u>
Packing	<u>Export</u>
Loading Quality	<u>Upon your request</u>
Supply	<u>5000cbm/month</u>
Certificate	<u>ISO9001 ;CE ;FSC</u>

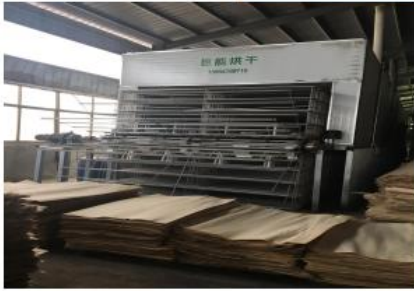
### 3. Process Flow Chart and Production Process



Auto-mixing glue machine



Hot press

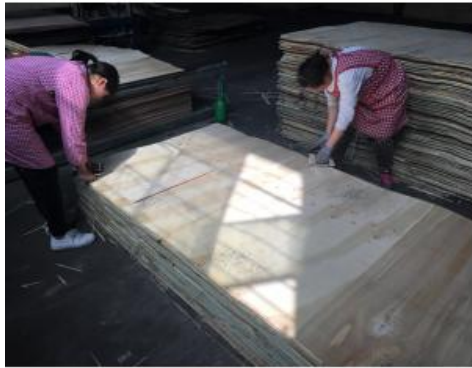


Drying



Sanding machine

Core repairing



After core hot pressing

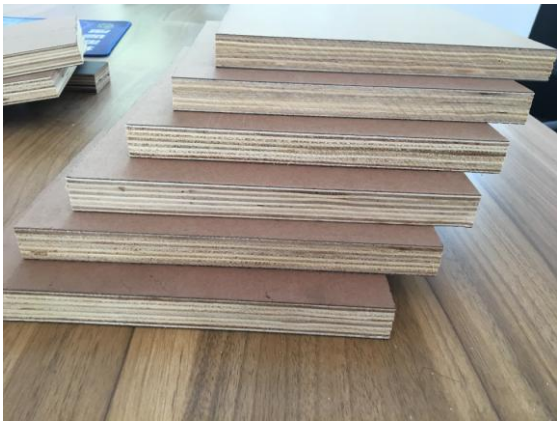
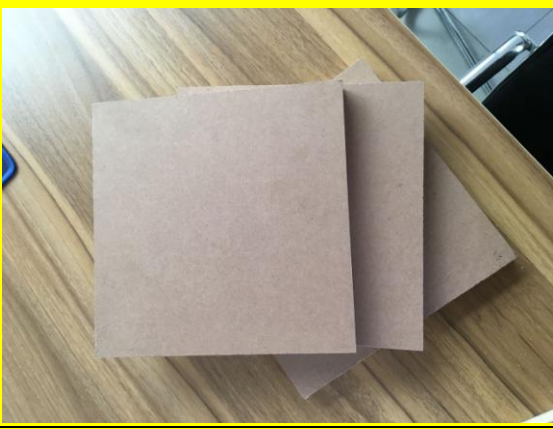


# Puttying



Product health care

## 4. Sample & Test Report



国家木制家具及人造板质量监督检验中心（徐州）

National Quality Supervision and Test Center for Wooden Furniture and Wood-based Panels (Xuzhou)

检验检测报告

Test Report

NO: (2019) 委送字人造板类第0120号

共 2页 第 1页

产品名称 Product Name	覆膜胶合板 Film Faced Plywood	规格型号 Model/Type	1220×2440×18 (mm)
检验类别 Test Type	委托送样检验	商标 Trademark	—
委托方 Applicant	名称 Name	联系电话 Telephone	15862105202
	地址 Address	邮政编码 Zip Code	221300
生产企业 Manufacturer	邳州华鑫木业有限公司		
抽样地点 Sampling Place	—	送样日期 Sampling Date	2019-04-18
批 量 Batch	—	样品批号或生产日期 Serial No. or Manufactured Date	—/2019-04-15
样品数量 Sample Quantity	600×600 (mm) 1块	检验日期 Tested Date	2019-04-19 ~ 2019-04-29
样品状态 Sample State	符合检验要求		
检测和判定依据 Ref. Documents for The Test	EN 114-1: 2004《胶合板——胶合质量 第1部分 试验方法》 According to the standard EN314-1		
检测结论 Test Conclusion	提供检验数据		
备注 Remarks	委托方提供该样品为桉木芯，Wbp酚醛胶； 5.1.4: 本次检验仅对来样负责。		

批准: 贾音  
Approved by

批准: 贾音  
Approved by

检测专用章  
Tested by

主检: 孙科  
Tested by

检验检测结果

NO: (2019) 委托字人造板类第0120号

共 2 页 第 2 页

序号	检验项目	单位	技术要求	检测结果	单项评价
1	胶线1 Glueline 1	平均木材破坏率 (%)	Mean apparent cohesive wood failure	0.85	—
		平均剪切强度	Mean shear strength	53	—
	胶线2 Glueline 2	平均剪切强度	Mean shear strength	49	—
		平均木材破坏率 (%)	Mean apparent cohesive wood failure	0.92	—
	胶线3 Glueline3	平均剪切强度	Mean shear strength	44	—
		平均木材破坏率 (%)	Mean apparent cohesive wood failure	0.97	—
	胶线4 Glueline4	平均剪切强度	Mean shear strength	47	—
		平均木材破坏率 (%)	Mean apparent cohesive wood failure	0.85	—
备注	5.1.4在沸水中浸泡72±1小时，再在20±3℃冷水中冷却至少1小时，试样温度降至20℃。 The specimen was immersed in boiling water for 72 hours, and then cooled in 20degreecold water for at least one hour. The temperature of the specimen dropped to 20degree				