



AOLENPHONTI
BIOMASS
FURNITURE
BOARD





BRAND
INTRODUCTION

AOLENPHONTI

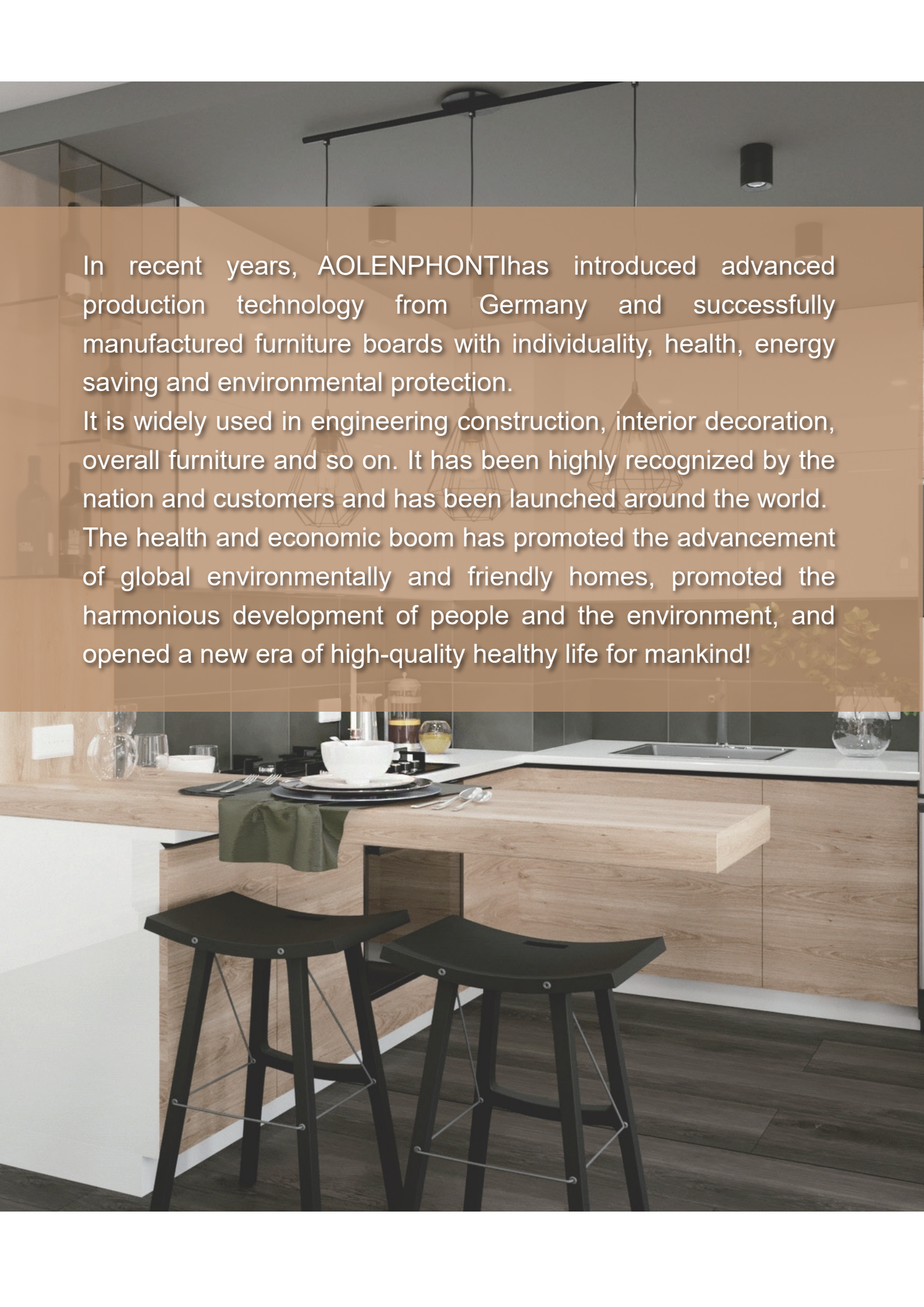
Adhering to the brand concept of “returning a natural living space for human beings”, AOLENPHONTI provides consumers with a “one-stop living space” customized solution based on furniture board, which is oriented towards the health needs of consumers and the living and home environment.



As the pioneer of global environmental recyclable development,AOLENPHONTI is the pioneer of the revolution in the furniture board industry.

It fully responds to the call for national energy conservation and environmental protection, and regards the protection of the natural environment as its corporate mission, and adheres to the core values of “reliable board” to develop brand strategy of “small board, big health” and new types of boards for the recycling of natural resources and human home and living health.



A modern kitchen featuring a light-colored wooden island with a white countertop. Two black bar stools are positioned in front of the island. The background shows dark grey cabinetry and a stainless steel sink. The floor is made of dark wood-look planks. The lighting is soft and modern, with a track lighting system on the ceiling.

In recent years, AOLENPHONTI has introduced advanced production technology from Germany and successfully manufactured furniture boards with individuality, health, energy saving and environmental protection.

It is widely used in engineering construction, interior decoration, overall furniture and so on. It has been highly recognized by the nation and customers and has been launched around the world. The health and economic boom has promoted the advancement of global environmentally and friendly homes, promoted the harmonious development of people and the environment, and opened a new era of high-quality healthy life for mankind!



OLENPHONTI USES "CORE" TO MAKE THE GOOD BOARD



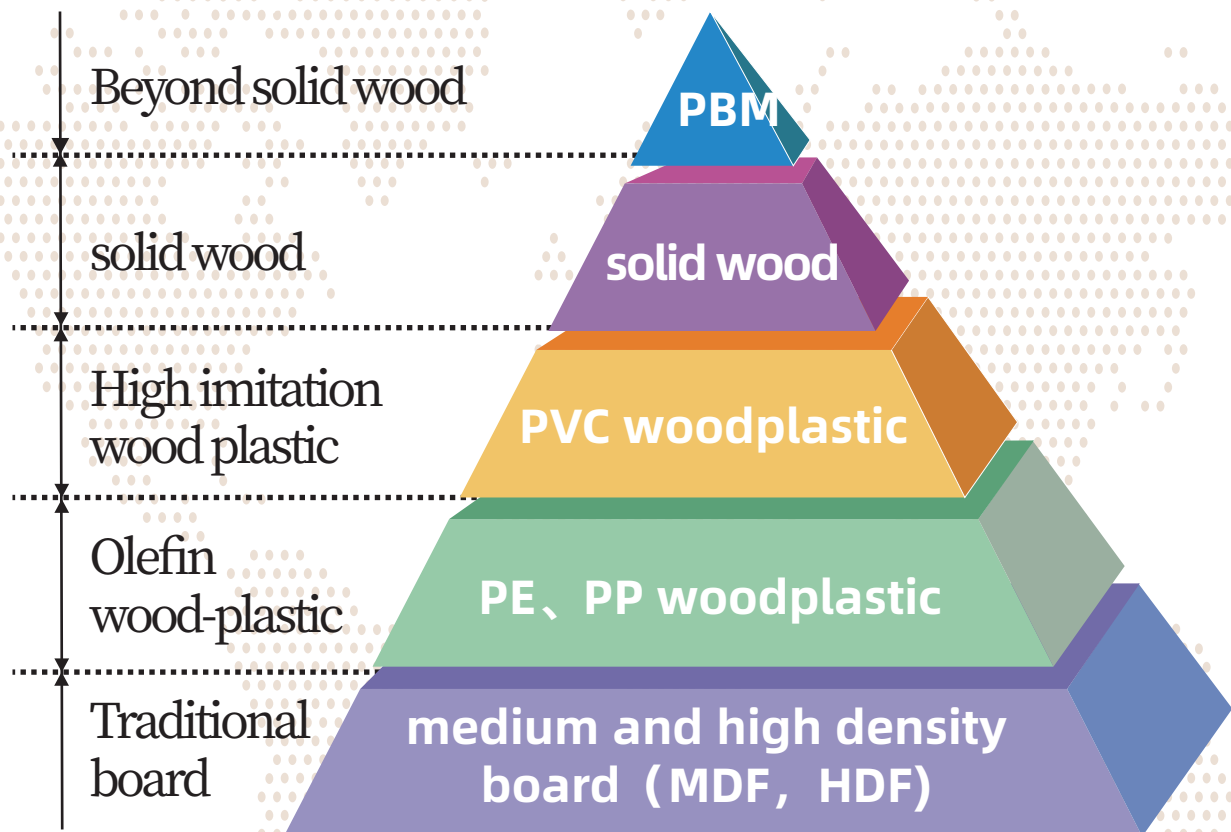
OLENPHONTI furniture boardis pioneering the industry, and using PBM as the substrate.

PBM is a kind of plastic biomass new material which is made of straw (wheat straw, straw, rice husk, etc.) as the main raw material, supplemented by resin powder, foaming agent etc., through high temperature, high pressure and mechanical extrusion.



WHAT IS
THE SPECIAL

NOT WOOD BUT MUCH BETTER THAN WOOD





WHAT IS THE
DIFFERENCE



Fire retardant B1 grade

test standard: GB8624-2012



**Low water absorption
size variance ration**

Horizon: 0.37%, vertical: 0.33%,
thickness: 0.59%.

Test standard: Q/06979184.01-2016



Not found

Test standard: GB/T17657-2013

PBM board fire retardant B1 grade test report

No.XF1900571

China National Quality Supervision and Testing Center for Fire Fighting Products(GuangDong)

TEST REPORT



Report random number:XNC4328

Page 1 Total 3

Product name	PBM	manufacturing/ expiry	—/—
Type, Specification, Trade mark, Class	2440×1220×15(mm) —	Batch No.	—/—
Inspected unit	Foshan Kaibo New Material Technology Co.,Ltd	No. of testing/ sampling plan	YFM19/000856 /—
Address of inspected unit	No.492, Mid-Gaoming Avenue, Yanghe Town, Gaoming District, Foshan City, Guangdong, China	Testing Purpose	Commission
Commissioned by	Foshan Kaibo New Material Technology Co.,Ltd	Location of sampling	—
Factory	Foshan Kaibo New Material Technology Co.,Ltd	Basic quantity of sampling	—
Address of factory	No.492, Mid-Gaoming Avenue, Yanghe Town, Gaoming District, Foshan City, Guangdong, China	Way of sample incoming Person of sending /sampling	Sending (Ge Jianping)
Quantity of sample	1500×1000×15(mm)×3pieces 1500×500×15(mm)×3pieces 500×500×15(mm)×2pieces	Date of receiving/ sampling	2019.04.19 /—
Status of Sample	Intact	Date of test finish	2019.05.05
Testing reference	GB8624-2012 《Classification for burning behavior of building materials and products》		
Judging reference	GB8624-2012 《Classification for burning behavior of building materials and products》		
Remarks	Eight items were tested in this commissioned test, all were found to meet the standard requirement B ₁ (C-s3,d0).		
Notes	<p>1、The related information of the sample is provided by the entrusted unit, and the laboratory is not responsible for its authenticity.</p> <p>2、The data were from XF1900572.</p>		

Approved by:

陈英乙

Reviewed by:

何雨露

Tested by:

黄智恒



PBM board Formaldehyde free SGS test report



测试报告

No. CANEC1907053001

日期: 2019年05月08日 第2页,共3页

测试结果:

测试样品描述:

样品编号	SGS样品ID	描述
SN1	CAN19-070530.001	棕色木板

备注:

- (1) 1 mg/kg = 0.0001%
- (2) MDL = 方法检测限
- (3) ND = 未检出 (< MDL)
- (4) "-" = 未规定

甲醛

测试方法: 参考GB/T 17657-2013, 4.58章节, 用UV-VIS测定。

测试项目

含水率

甲醛含量

单位	MDL	001
%(w/w)	-	1.9
mg/100g	2.0	ND

检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的, 仅供内部参考。



SGS-CSTC 经济科技(广州)有限公司
Guangzhou Branch Testing Center Chemical Laboratory

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PBMBoard mechanical property test report



测试报告

编号 : GZIN1904019311MR_CN

日期 : 2019-05-13

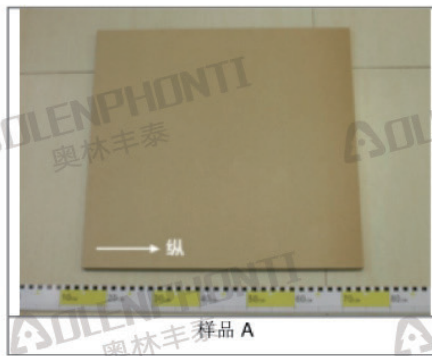
页码 : 2 of 7

结果总结:

序号	测试项目	测试方法	结果	结论
1	加热后尺寸变化率	Q/06979184-0.01-2016《可塑生物质新材料(PBM)通用技术标准》第 5.2.7 节(客户提供)	-0.1%	合格
2	耐冷热循环	Q/06979184-0.01-2016《可塑生物质新材料(PBM)通用技术标准》第 5.2.8 节(客户提供)	详见结果	合格
3	吸水后尺寸变化率	Q/06979184-0.01-2016《可塑生物质新材料(PBM)通用技术标准》第 5.2.9 节(客户提供)	详见结果	合格

备注: 合格: 达到要求
 不合格: 未达到要求
 : 不下判定

原样照片:



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PBM Board Screw holding strength test report



测试报告

编号 : GZIN1904018620CM_CN

日期 : 2019-05-09

页码 : 3 of 3

测试项目: 握螺钉力

样品描述: 见照片

测试方法: GB/T 17657-2013 第 4.21 节和客户要求

测试条件:

试样: 75mm×50mm×30mm (两块叠加)

螺钉外径: 4.2mm

嵌入深度: 15mm

测试速度: 2mm/min

测试结果:

板面握螺钉力: 950N

客户要求: 板面握螺钉力≥800N

结论: 合格

注:

1. 所有的测试试样均从样品中抽取。
2. 检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的, 仅供内部参考。

***** 报告结束*****



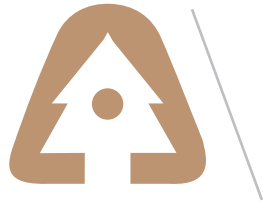
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Product features	★B1 Flame Retardant Standard ★No Formaldehyde★Water & moisture proof
Thickness	5-20mm
Size	1220x2440mm (Custom size shall be agreed upon by both sides)
Color	Golden Wheat
Surface	Excellent Hardness, Flat, no contaminant
Classification standard	Traditional technique PBM DLD, Density :0.40~0.9g/cm ³ (0.9 included) Thickness :5~15mm(15mm excluded) New technique (stronger foam core) PBM SLD, Density ≥0.60g/cm ³ Thickness: 15~20mm(15mm included)





WHERE ARE THE TARGET CUSTOMERS?



- Green Furniture
- Wardrobe,
Doors & Windows
- kitchen cabinet,
bathroom cabinet

- Home Decoration
- School & Hospital
- Kindergarten



- Willa & Hotel
- High-end Club
- High-speed Railway
station & Airport



"VENEER" STYLE



PETG Laminate Series

Glossy glass texture and density alike;
Anti-chemical corrosion, impact resistance,
breaking resistance;
Eco-friendly base material, compliance to food
contact grade regulation.



Aluminium Sheet Laminate Series

Heat transfer technology to duplicate various
natural patterns;
High impact resistance, no finishing paint
damage under deformation, easy maintenance;
Super climate resistant, less color fading.



PVC Laminate Series

Strong embossed grain and natural touch;
No color difference and color fading;
Abrasion proof, thermal resistant, acid&alkali
resistant, oil proof, easy to clean.

PETG Laminate Series

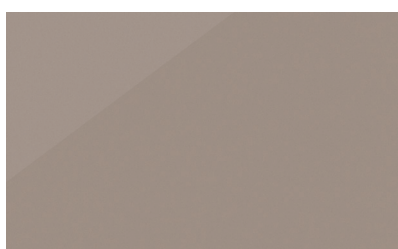


Size: 2440x1220mm

Surface: Glossy and Smooth



TEC-115



TEC-114



TEC-127



TEC-117



TEC-122



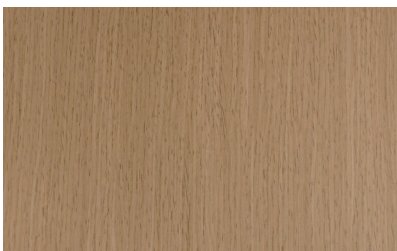
TEC-128

Aluminium Sheet Laminate Series

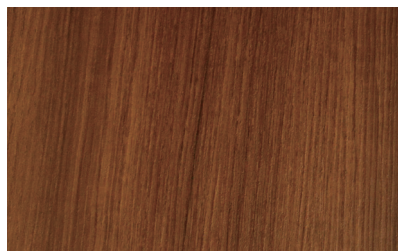


Size: 2440x1220mm

Surface: Matt Metallic



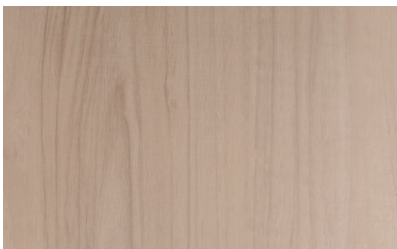
XGK1003



XGK4003



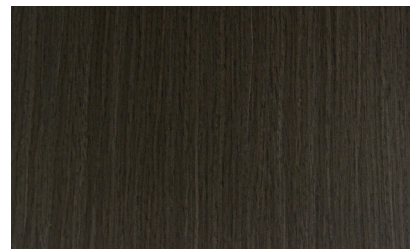
XGF4001



XGB6001



XGH6003



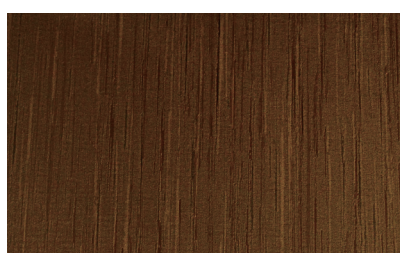
XGH6006

PVC Laminate Series



Size: 2440x1220mm

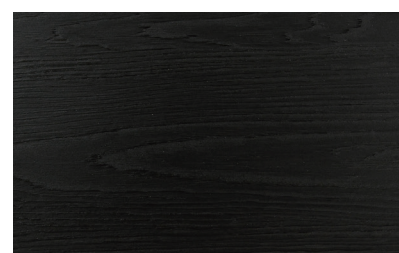
Surface: Matt Wood Grain



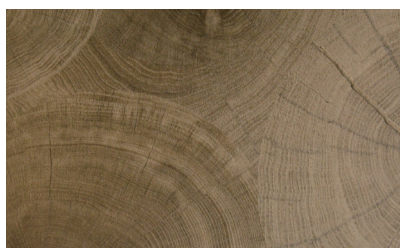
HTW28004G-77



VF-5545A-03



TA6208-1



HTW28202-01A



VF-5238A-01



M-31240-117



A OLENPHONTI

Brand Mission

**Promoting a global new trend of
innovative furniture**

Brand Vision

Creating a new noble life for global customers

Brand Positioning

**Being a global custom solution and
provider for new Board product**

Choosing better board, Caring better your family



**Foshan Kaibo New Material
Technology Co.,Ltd**



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