

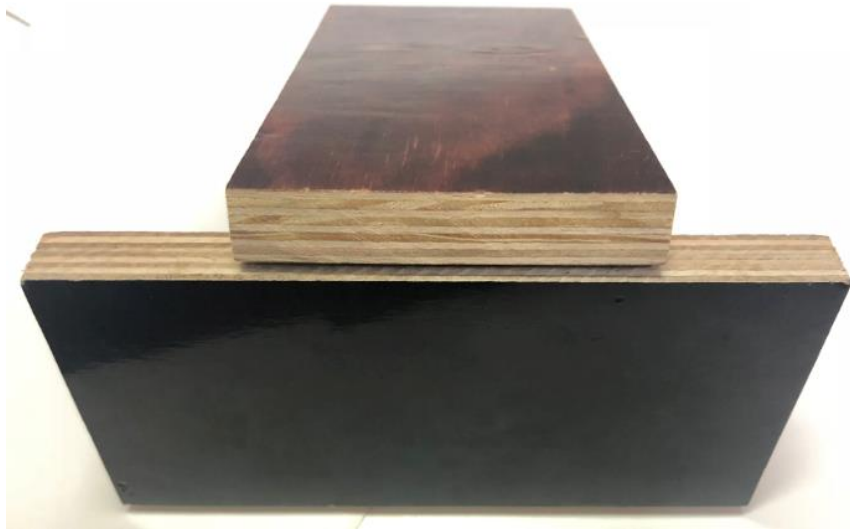


润鼎铝模
AL-FORMWORK

Plywood Formwork Introduction

Raw Material

Eucalyptus, Poplars are the normally raw materials as *Plywood Core Plates*.



Name	Eucalyptus	Poplars
Moisture	10-20%	8-12%
Density	0.386g/m ³	0.64g/m ³
Place of Origin	South of China	North of China
Comparison Price	High	Low

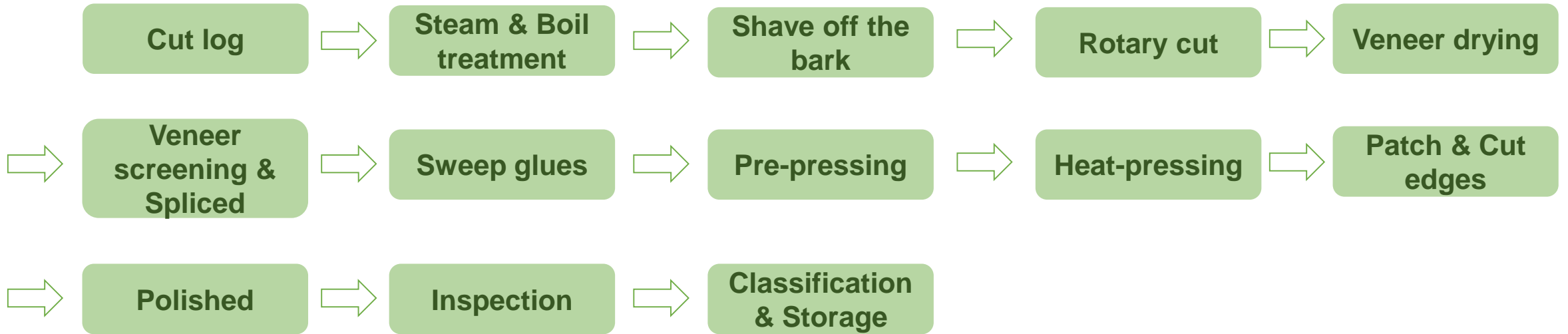
Performances

Construction plywood formwork have to face the different climates, specially used for outside structures, **RD company** provide the plywood formwork with the follow performances:

1. Weather resistance
2. Durability
3. Endurable boiled
4. Steaming treatment resistance
5. Able to be used in outdoor environment

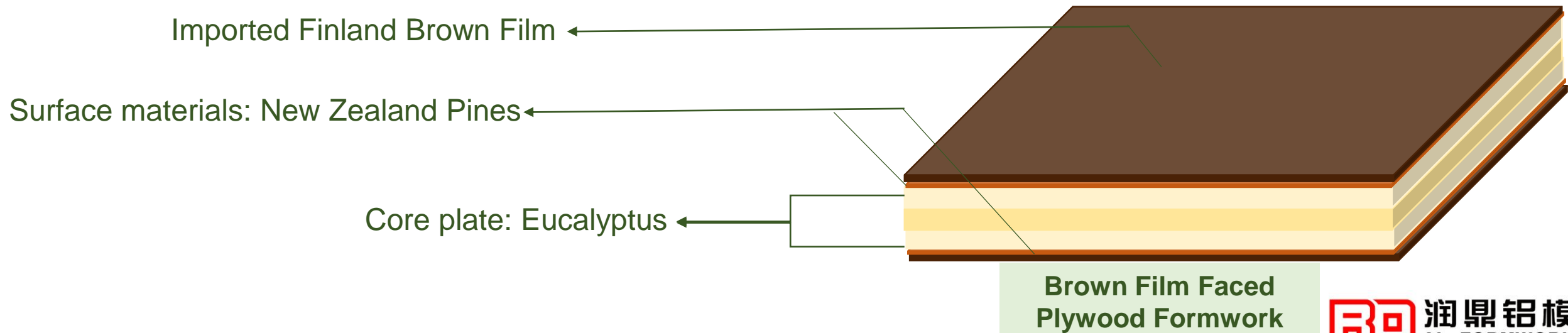
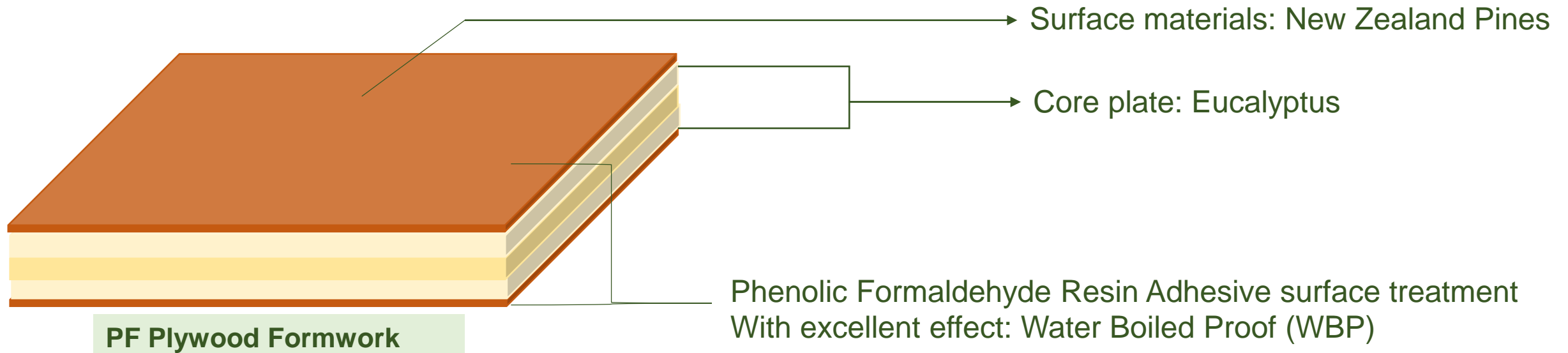


Manufacture Flow

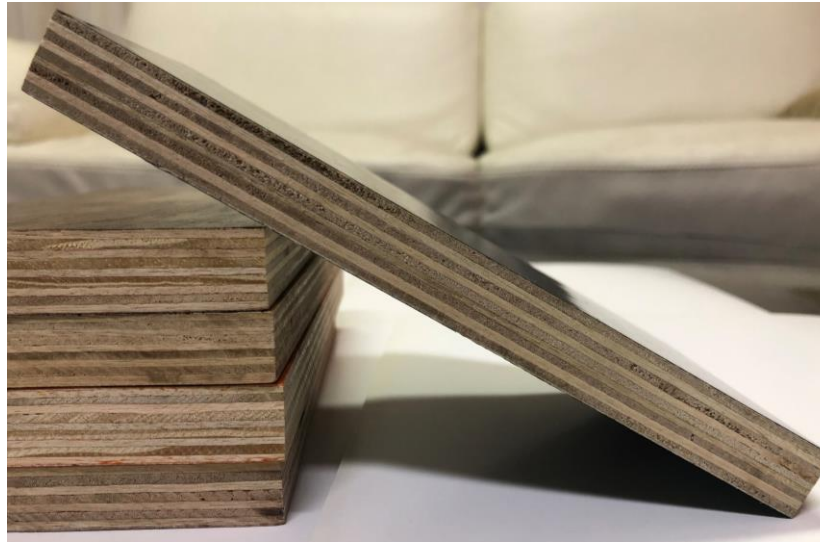
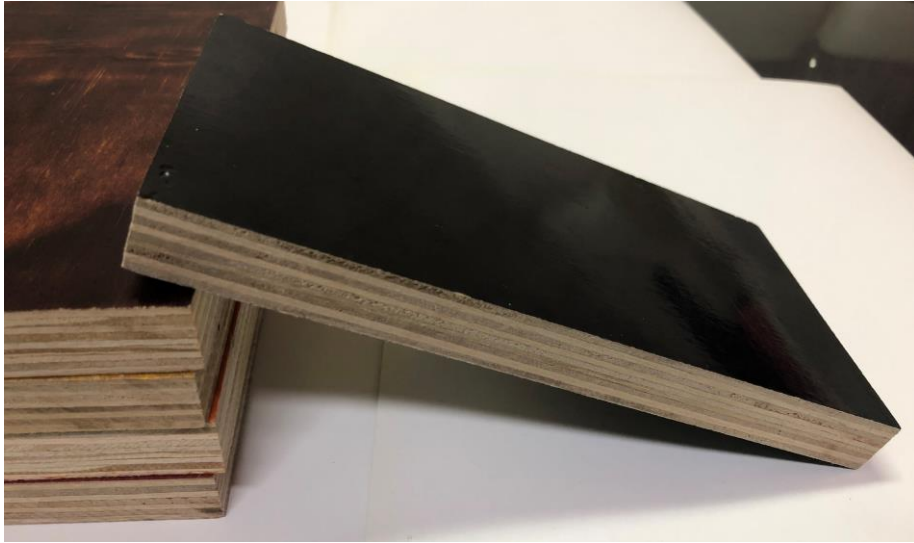


1. **Drying-Heat Pressing Technical:** Plywood produced by heat-pressing the drying veneers. This method could be increased plywood production rate with high quality and good strength because of shorten production period. Although manufacture cost higher, it can screen the good veneers to be spliced and promote timber utilization, to supply good quality plywood formwork for customers.
2. **Steam & Boil Treatment:** For removing worm's eggs, soften wood and increasing ductility.
3. **Screening out veneers & Pre-pressing:** Promotion quality grade of plywood.

Plywood Products



Brown Film Faced Plywood



Brown Film Faced Plywood

Materials	Eucalyptus, New Zealand Pines and imported brown film
Size	1830x915mm; 2440x1220mm
Thickness (±0.5 tolerance)	9 layers-15.5mm; 11 layers-17.5mm; 9 or 11 layers-16.5mm
Reused Times	20 times
Concrete Surface Quality	Smooth & clean to finishing and decoration fair-faced requirements

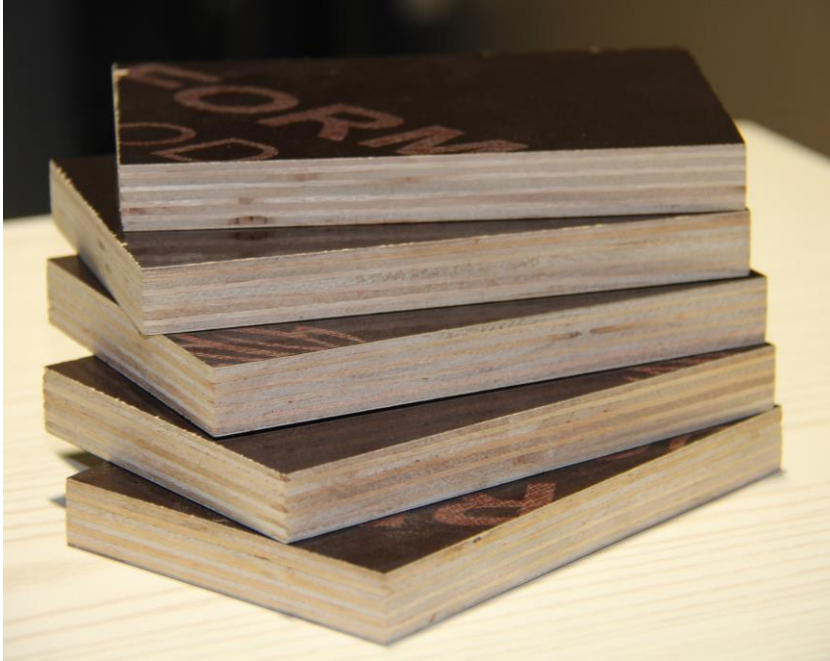
Phenolic Formaldehyde Plywood



PF Plywood

Materials	Eucalyptus, New Zealand Pines and Phenolic Formaldehyde surface treatment
Size	1830x915mm; 2440x1220mm
Thickness	11 layers-17mm (± 0.5 tolerance)
Reused Times	15 times
Concrete Surface Quality	Smooth & nice looking

Resin Adhesive -Glues



1. Urea Formaldehyde (Feature: **MR-** moisture resistant)
2. Phenolic Formaldehyde (Feature: **WEP-** water boiled proof)
3. Melamine Formaldehyde

Based on your required, above of glues all could arrive
Environment Protection Level:

E2, E1, E0, CARB and JAS

How to Order

1. **Eucalyptus** as Core plate + **Pine** as surface material. If you want film faced, please tell us you need Black or Brown film?
2. How many layers and what thickness?
3. What kind of glues be used on the core plate and surface? Or the whole plywood just adopt one type of glues?
4. Environment protection level. Do you know your country's requirement of glues?
Level as **E2, E1, E0, CARB and JAS** are available.
5. Regular size: 1830x915mm; 2440x1220mm; Customized dimension is available.
6. What quantities and package you want?
Plywood quantities are counted by your engineering department.
Normally ropes and pallets only. If still need more like packing film, cartons, please inform us.



Usage & Maintenance

Usage Requirements:

1. While cutting plywood formwork, workers should use high-speeding saw bit to cut them so that the edges with smooth and flat.
2. In order to improve the reusing times, please regular use one single face at the beginning of construction works and till to finish its turnover times, then start to the other face.
3. It must require the worker dismantle plywood formworks carefully and do not throw down. Because of beating, prying and any ways to broken the plywood are not allow in every time of dismantle process.
4. After dismantling the plywood, workers should clean up cements on surface and it is better to sweep demolding agent on.

Maintenance Plywood Formwork:

1. All of the edges of plywood panels are coated the special painting in case of steep by water. If plywood were cut or drilled holes at construction site, it is better to coated the water proof painting on the cutting edges.
2. It should clean up the cements on the plywood surface and avoid to use metaled or sharp tools to clean the plywood in case of damaged PF treatment.
3. Base on storage conditions and the using time of concrete casting, it is possible to sweep demolding agents on plywood formwork before using.

Hope our profession will help you!

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