

ไม้อัด
Lanna

Lanna
PLASTWOOD
Lead Free PVC Celuka Board

Lanna Plastwood

Lanna Plastwood, PVC sheet product to substitute nature wood (Rigid PVC Form Sheet) by Celuka Process



Not swollen



Anti-Termite



Anti-Mold&Moth



Self-extinguishing



Light weight

Think of quality wood, Think of Lanna



Not swollen



Anti-Termite



Anti-Mold&Moth



Self-extinguishing



Light weight

Features

- Smooth surface and easy to work
- Good heat and sound insulator
- Resistant to chemicals such as acids and alkalis
- LannaPlastwood can be printed or painted

Product sizes available

Thickness x Width x Length (mm.)	Weight (kg)	Application
3x1220x2440	6	Inkjet/sign/sticker
4x1220x2440	7	Inkjet/sign/sticker/door/frame work furniture/stencil/furniture behind cabinet
5x1220x2440	9	Inkjet/sign/sticker/interior stencil
6x1220x2440	10	Inkjet/sign/sticker/door paint-laminate/frame work furniture/stencil
8x1220x2440	14	Furniture/stencil
10x1220x2440	16	Water-resistant furniture drawers/stencil/sign
12x1220x2440	20	Furniture/floor skirting/moulding
15x1220x2440	24	Side and front of cabinet furniture, kitchen-toilet-stencil
18x1220x2440	30	Furniture/Table Top
20x1220x2440	36	Furniture/stencil/Table Top/front cabinet
25x1220x2440	42	Furniture/stencil/Table Top/front cabinet





- Shelve, showcase, furniture



- Kitchen



- Laboratory



- High-Gloss

Lanna Pastwood has the size of 1220 x 2440 mm. The thickness is varied from 2 – 25 mm. It can be used as construction material and finishing material. It can be used as interior and exterior such as CNC stencil, Hi-Gloss, Ads Sign, waterproof furniture, toilet, moulding-skirting, kitchen set, sauna room, laboratory, room panel, ceiling, PVC door, etc.

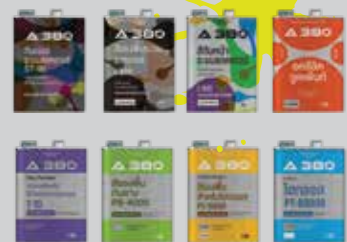
Instruction for use

Painting

It is recommended to use industrial spray paint (PU) such as A380 industrial spray paint (Thai Washin A380). In case of printing or spraying, Acrylic or epoxy paint can be used. For silkscreen, PVC paint can be used directly.



The best paint for wood



Surface finishing



Plastwood surface which will be coated must be clean, dry, and free from dust and oil. Sandpaper is recommended to be used.

In case of laminate coating, the type of glue which is recommended should have the solvent that concentrate and thick. It is commonly used in furniture industry.

For glue costing in the industrial system, it is recommended to use Perma-flex SV-832 PU glue or contact the dealer for more information.

Surface finishing

It is recommended to use PU glue such as Perma-flex SV-832 PU glue or Waterproof PVAC or JOWAPUR 685.30.



✓ Strong adhesion ✓ Light smell ✓ Cheapeast

Technical specification

PROPERTIES	UNIT	VALUE	Test Method
Density	g/cm ³	≤ 0.8	
Tensile Strength	Mpa	≥ 11	ISO 1926 : 2009
Braeking Elongation	%	≥ 15	ISO 1926 : 2009
Flexural Modulud in Bending	Mpa	≥ 17	ISO 178:2010/Amd.1:2013 Method A
Impact Strength	KJ/M ²	≥ 10	With reference to ISO 179-1 : 2010
Vical Softening	°C	≥ 70	ISO 306 : 2003 Method A50
Size Change in The Rate Of Heating	%	± 2.0	
Flammability			self extinguishing
Water absorption *weight increase after 2 hr immersion	%	≤ 1.0	

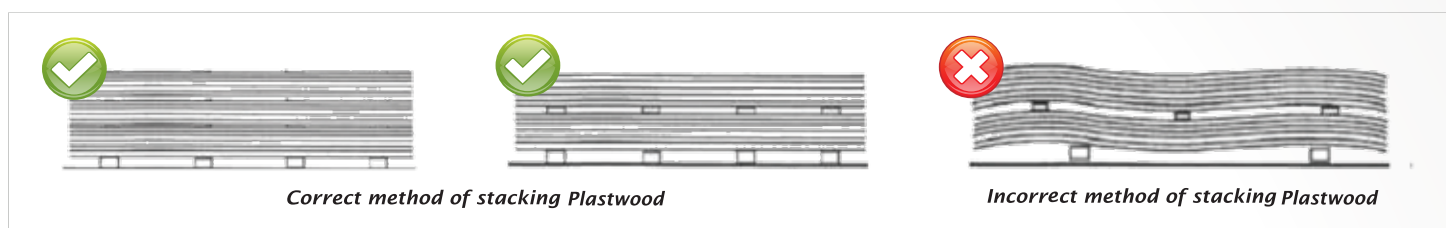
Caution



1. To prevent plastwood to change the shade in the long-term, the company does not recommend to use plastwood directly without the primer or coating. It is recommended to apply the primer every time.
2. For the cutting area, apply car paint or Polyester putty and wait until it is dry. Then, polish by 400,600-grit sandpaper.

Storage

Lanna Plastwood should be stored on pallets which can be moved by a forklift. It should be stored indoor to prevent the moisture before the installation. If it needs to be stored outdoor, it should be covered completely. Palette arrangement is important. To prevent the board to bend, the spacing of each palette should be at least 60 cm. 2,440mm board should be stored on 4 palette.



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