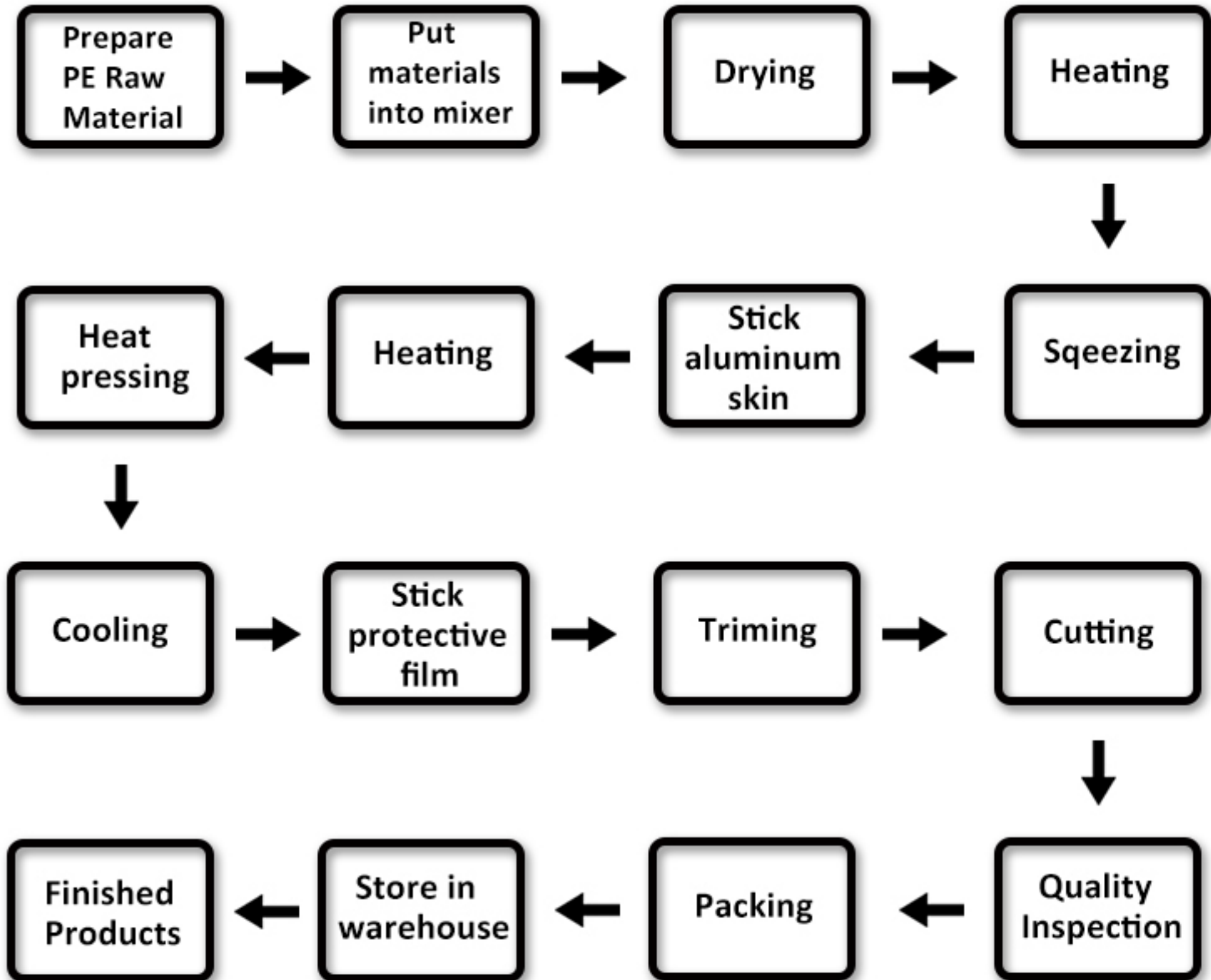


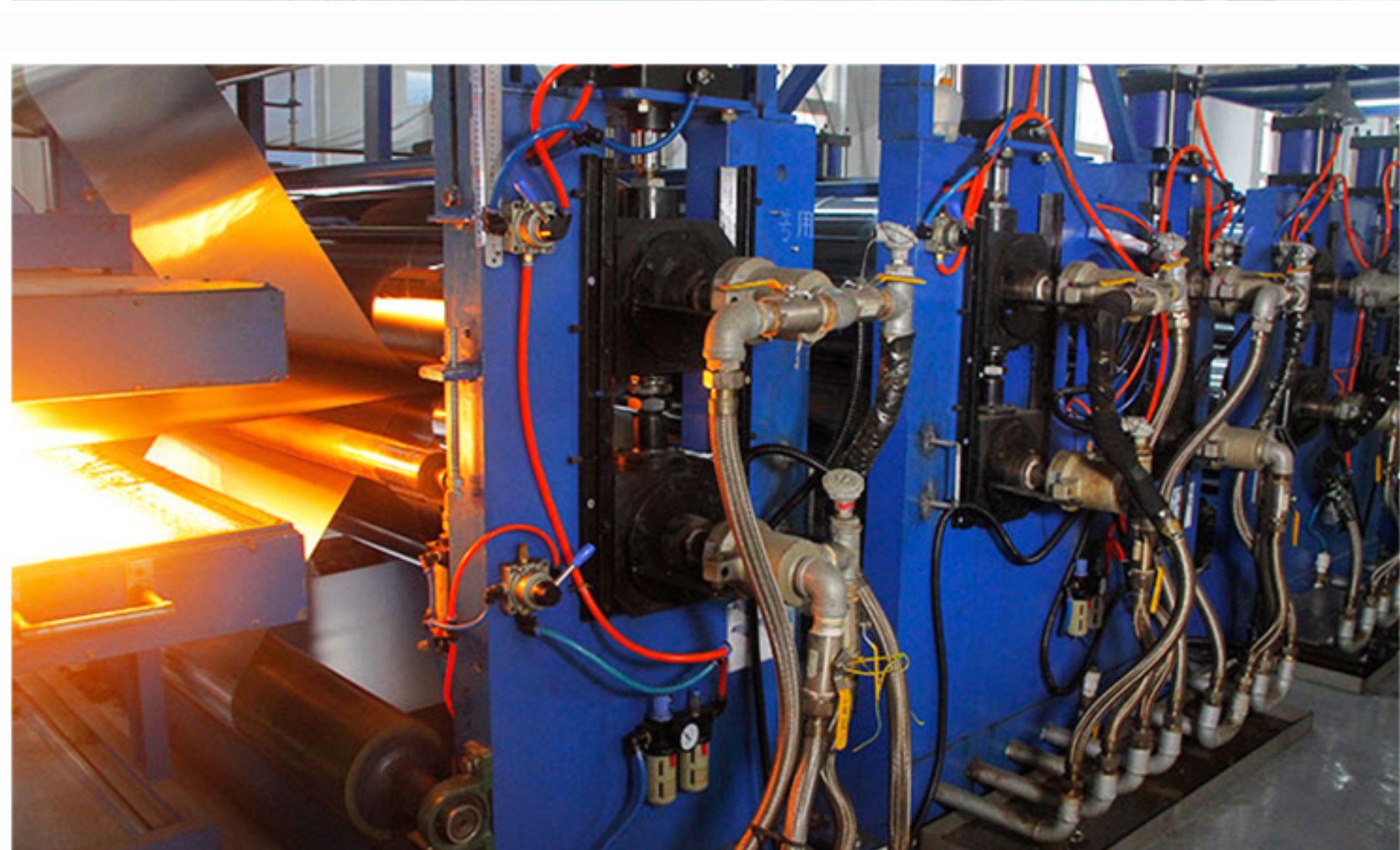
PŁYTY

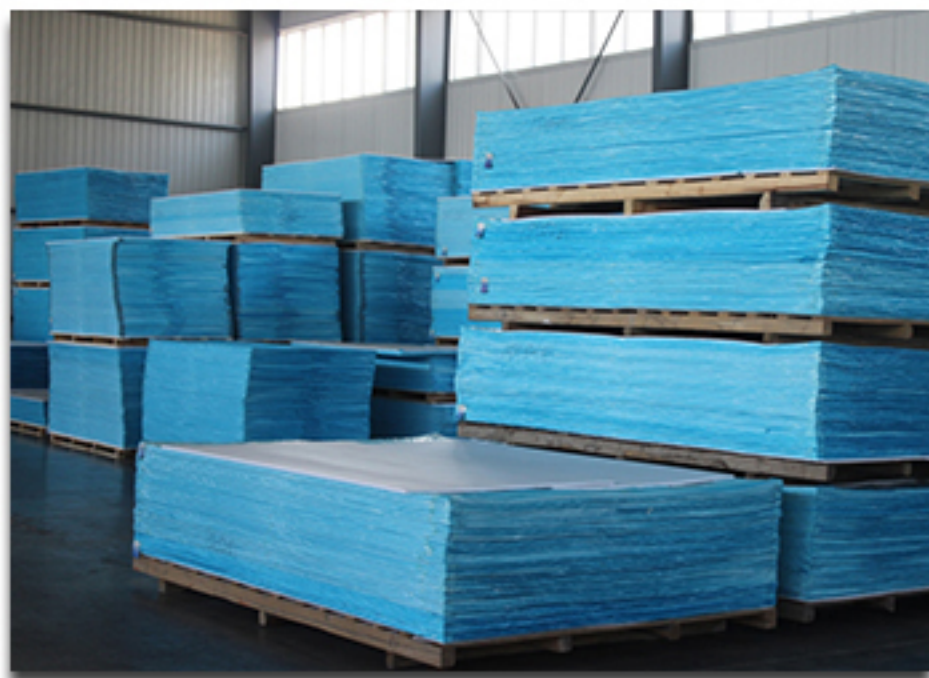
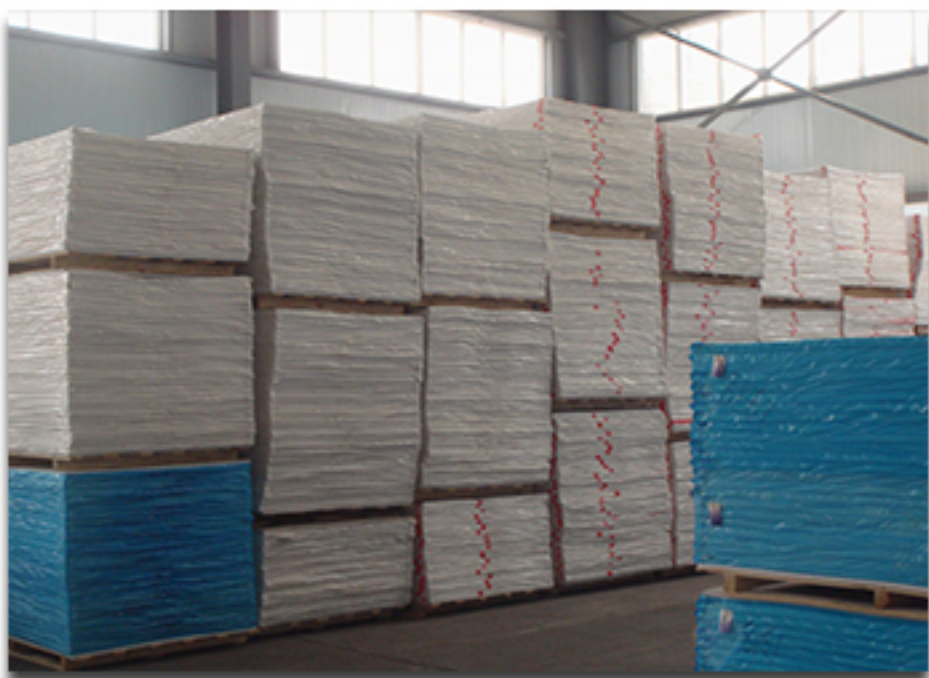
PVC | PMMA | IKOBOND

produkcja
przeгляд
specyfikacja



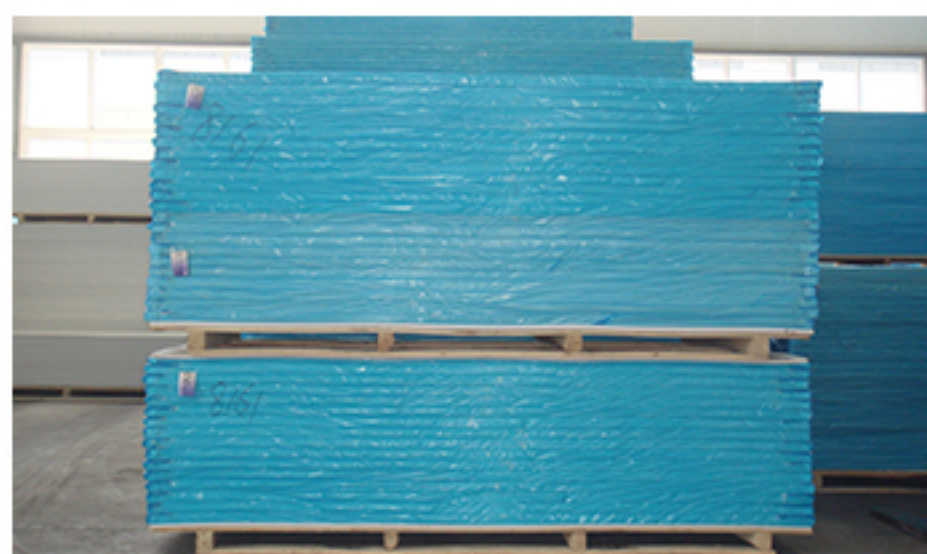
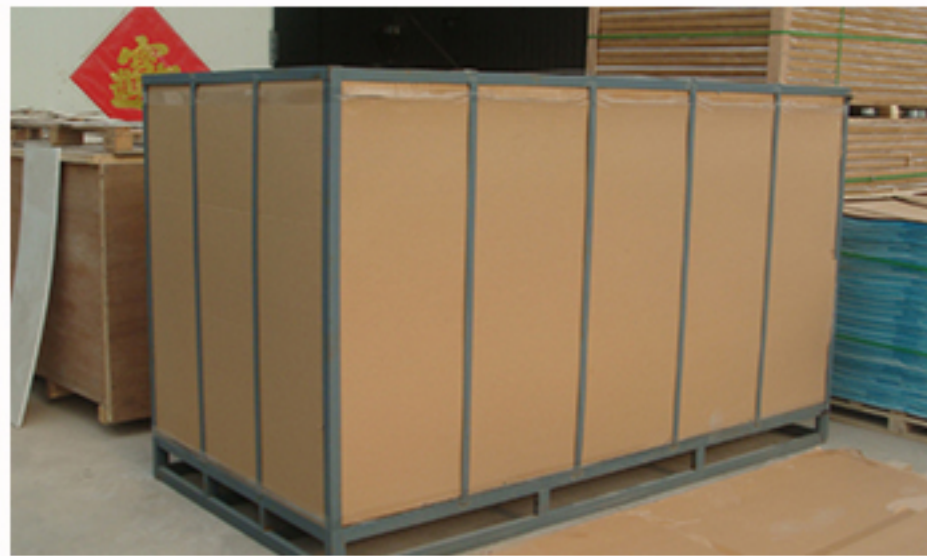




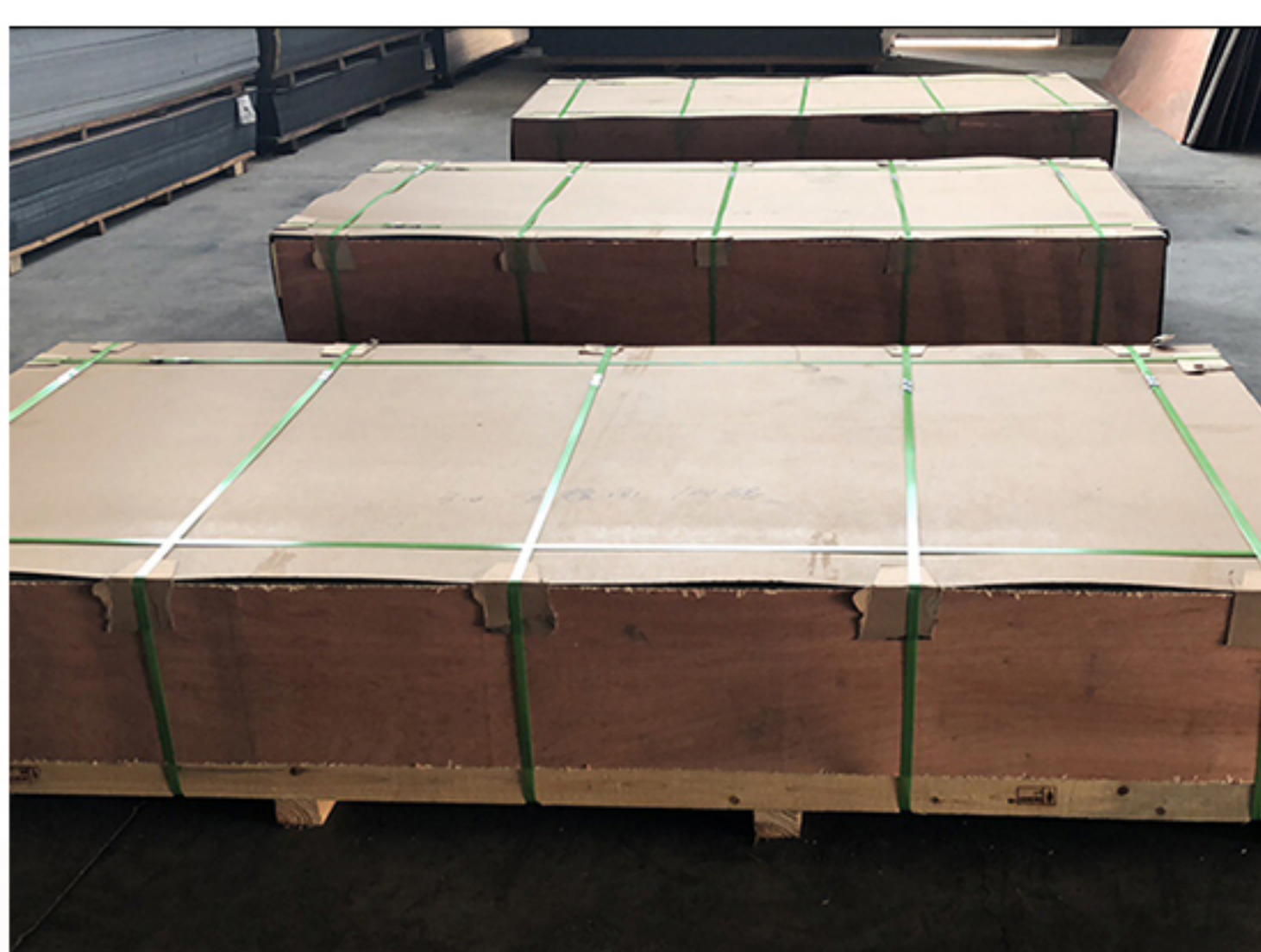
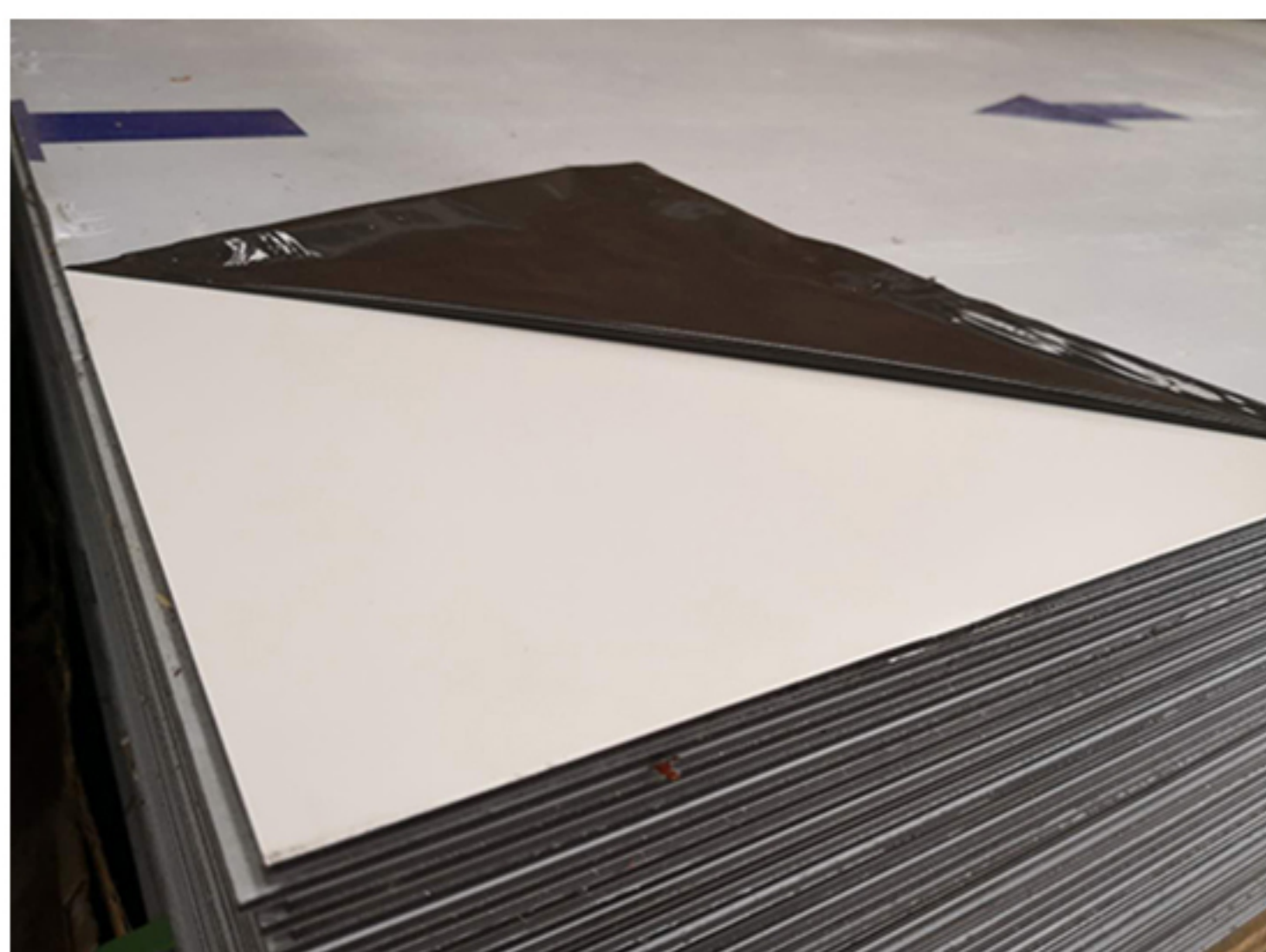


PE BAG

(Regular & Free)

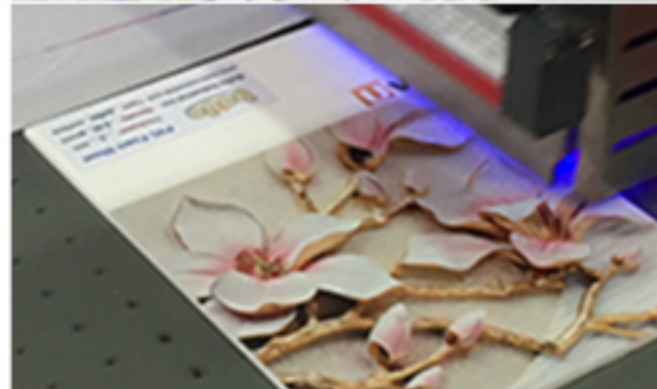
**KRAFT PAPER****CARTON BOX****WOODEN PALLET****WOODEN FRAME****IRON PALLET**





Printing Show Sample display

The printing patterns on our PVC Foam Board are clear and bright. Suitable for display in advertisements, commodities, etc.



Aluminum Composite Panel

Technical Data

Testing Project	Unit	Test Result
Deflection temperature under heat	.C	117
Flexural Rigidity	Kg/mm ²	14.0*1.05
Flexural Elasticity	Kg/mm ²	4055
Tensile Strength	Mpa	49.6
Flexural Strength	Mpa	108
Fire Propagation		Class B1
Smoke Develop		≤45
Finishing Coating Thickness	um	29
Pencil Hardness	H	3H
Impact Resistance	No crack after 60kg.cm.	

Specification

Width	1000mm/ 1220mm/ 1250mm/ 1500mm/1575mm etc.
Length	2440mm/4000mm or customized
Thickness of Panel	2-8mm
Thickness of Aluminum	0.05-0.5mm
Color	BoDo Standard colors or Customized
Top coating	PE coating for indoor (5-8 years guarantee) PVDF coating for outdoor (20 years gurantee)
Top Skin	Aluminum alloy coated with PVDF / PE resin
Back Skin	Aluminum alloy sheet coated with primer / mill finish
Core	Non-toxic & low-density polyethylene (LDPE) plastic
Density	0.5-0.55g/cm ³
Flame Expansion	BS476-7 S1
FR rated	GB8254-1997 A Class

Light weight, high strength, extreme rigidity and flatness.

Good weatherproof, acid-resistance, alkali-resistance.

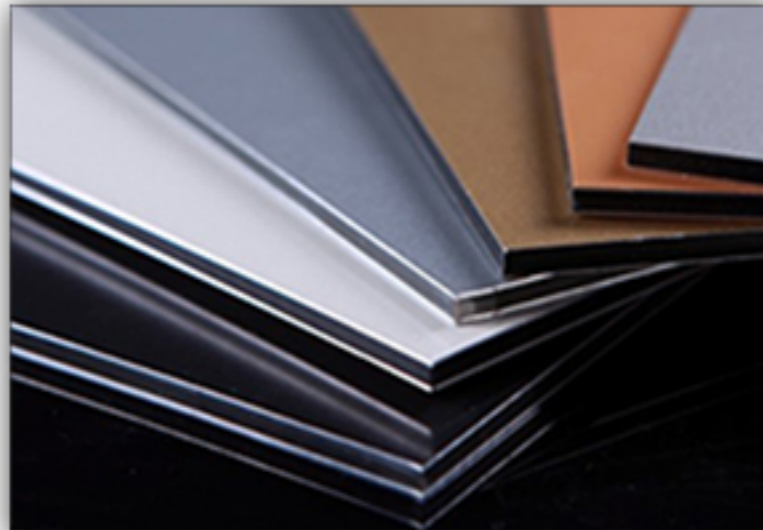
Outstanding color and gloss retention in a virtually limitless range of hues.

Excellent in heat insulation, sound insulation.

Easily processed and fabricated, quickly installed.

Good flexibility fits various designs.

Easily maintenance, simply cleaning.







Range and Specification:

DESCRIPTION	ALUCOPANEL STANDARD
Panel Thickness	2mm,3mm,4mm,5mm,6mm
Aluminium Skin Thickness	0.10mm,0.12mm,0.21mm,0.30mm,0.40mm,0.50mm
Standard Panel Size	1220mm * 2440mm
Non-standard Width	1000mm,1250mm,1500mm,1550mm
Non-standard Length	3200mm,5500mm,5800mm

NOTES: Alternative length and skin thickness along with customer colors can be supplied to a minimum order quantity of 1000 m²

Characteristics of ALUCOPANEL FR:

Test Items	Test Standard	Test Result
Minimum value of remaining length after burning (mm)	GB/T8625	420
Average value of remaining length after burning (mm)	GB/T8625	450
Temperature of smoke (°C)	GB/T8625	129
Height of the flame (mm)	GB/T8626	15
Grade of smoke density	GB/T8627	27
Uninflammable Grade B1	GB/T8624	B1 Class
Flame Spread	UBC No.8-1 ASTM E84-03 UL723,ANSI/NFPA No.225	Class 1

NOTES: ALUCOPANEL-FR will be supplied to a minimum order quantity of 1500 m²

General Application:

Widely used in galleries, exhibitions, saloons, stores, offices, banks, hotels, restaurants and apartments

- External Wall Cladding, Building Fascia and Façade Finishes
- Curtains Walls and Internal Wall Finishes
- Advertising Display Sign Boards
- Shop Sign Boards and Showroom Finishes
- Rooftop Edges, Parapet Walls and Wall Canopies
- Spandrel, Column covers and Beam Wraps
- Balconies and Patio Wall Claddings
- Partition and Ceiling Panels
- Stairways, Elevators and Kiosk Panels
- Public and Commercial Display Walls
- Poster Hoardings and Exhibition Rooms
- Machine Casings and Furniture Accessories

Technical Data:

Test term	Test Standard	Test Value
Outdoor temperature resistance	ASTM D1654a GB/T17748-2008	No abnormality
Thermal expansion	ASTM D696a GB/T17748-2008	1.98x10 ⁻⁵ °C ⁻¹
Deflection temperature under heat	ASTM D648-01 GB/T17748-2008	117°C
Thermal conduction	ASTM D976a GB/T17748-2008	0.102 Kcal/m.hr
Flexural Rigidity	ASTM C393a GB/T17748-2008	14.0 x105 kg/mm2
Impact resistance	ASTM D732a GB/T17748-2008	1.650 kgf
Adhesive strength	ASTM D903a GB/T17748-2008	0.78 kg/mm
Sound-insulating rate	ASTM E413a GB/T17748-2008	25 db
Flexural Elasticity	ASTM D790a GB/T17748-2008	4055kg/mm2
Shear resistance	ASTM D732a ;GB/T17748-2008	2.6 kgf/mm2
Minimum bending radius	ASTM D790a GB/T17748-2008	(LO)45mm ,(PO)70mm
Tensile strength	ASTM D638-02 GB/T17748-2008	49.6 Mpa
Flexural Strength	ASTM D790-02 GB/T17748-2008	108 Mpa
180° peel strength	ASTM D903 GB/T17748-2008	10.7 N/mm
Fire propagation	ASTM E84a GB/T17748-2008	Class B1
Smoke developed	ASTM E84a GB/T17748-2008	< 45
Wind-pressure resistance	ASTM E330a GB/T17748-2008	Passed
Properties against water	ASTM E331a GB/T17748-2008	surface color no changed after 1000 times clean. (passed)
Properties against air	ASTM E283a GB/T17748-2008	Passed
Finish coat thickness	ISO 2360(CNS 84) GB/T 17748-2008	29 um
Gloss	ASTM D532-89 GB/T17748-2008	20-85%
Pencil hardness	ASTM D3363-74 GB/T17748-2008	3H
Toughness of coating	ASTM D4145-83 GB/T17748-2008	2T no rift
Adhesive force	ASTM D3359-87aGB/T17748-2008	4B
Impact resistance	ASTM D2794GB/T17748-2008	No crack after 60 kg.cm.
Abrasion resistance	ASTM D968-81GB/T17748-2008	64.5 L/mil
Mortar resistance	ASTM 2605-90 GB/T17748-2008	24 Hrs pat test exceed
Humidity resistance	ASTM D2247-87 GB/T17748-2008	3000 hr No blister
Resistance to change of temperature	GB/T17748-2008	surface no change 20 cycle in -40°C -80°C
Boil -water resistance	ASTM D3359-B GB/T17748-2008	surface color unchanged boiling for 2 hrs. (passed)
Salt-spray resistance	ASTM D117-94 GB/T17748-2008 5%NaCl, 35oC	3000 hr No blister(passed)
Acid resistance	AAAMA 2605-91, TEST #7, 7.31 GB/T17748-2008	surface color unchanged with 5%HCL(v/v) for 48 hrs. (passed)
Solvent resistance	ASTM D2248-73GB/T17748-1999, ECCAT5 & NCCA NO. 11-18 GB/T17748-2008	bottom unrevealed after clean 100 times with butanone. (passed)
Alkali resistance	ASTM D1308-87 GB/T17748-2008	surface color unchanged with 5%NaOH(mpm) for 48 hrs. (passed)
Color retention	ASTM D2244-87,(85) GB/T17748-2008	E=0.34
chalk resistance	ASTM D4214-89 GB/T17748-2008	No chalk
Gloss retention	ASTM D2244-85 GB/T17748-2008	85%

Introduction:

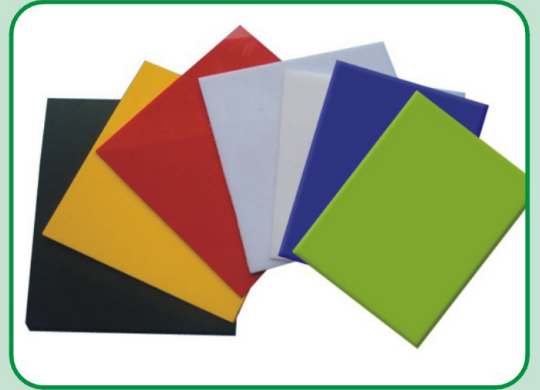
Acrylic (PMMA) Sheet has the best physical properties among plastics, the main component is polymethyl methacrylate, it is widely used in the building, advertisement and decoration.

Features:

1. Excellent transparency.
2. Good mechanical performance.
3. Good electrical insulation.
4. Stable and durable.
5. Non-toxic.
6. Superior impact resistance.
7. Crack resistance.
8. Superior weather resistance.
9. UV light resistance.
10. Chemical resistance.
11. Stable color under outdoor exposure.

Applications:

1. Indoor decoration board, partition board in office and house.
2. Engraving, sign board and design.
3. Making gift items.
4. Making kitchen and sanitary application.
5. Door and window cover.



Technical Specification:

Item	Indicators
Specific Gravity	1.20
Hardness	M-100
Absorptivity of Water(24hr)	0.30%
Transmittancy (Parallel Rays)	92%
Transmittancy (Full Rays)	93%
Heat Distortion Temperature	100 °C
Coefficient of Linear Expansion	6×10^{-5} cm/cm °C
Ultimate Temperature of Continuous Operation	80 °C
Thermoforming Rangs	140-180 °C
Insulating Strength	20v/mm
Tension	
Coefficient of Rupture	700kg/cm ²
Coefficient of Elasticity	28000kg/cm ²
Bending	
Coefficient of Rupture	1.5kg/cm ²
Coefficient of Elasticity	28000kg/cm ²

Specifications:

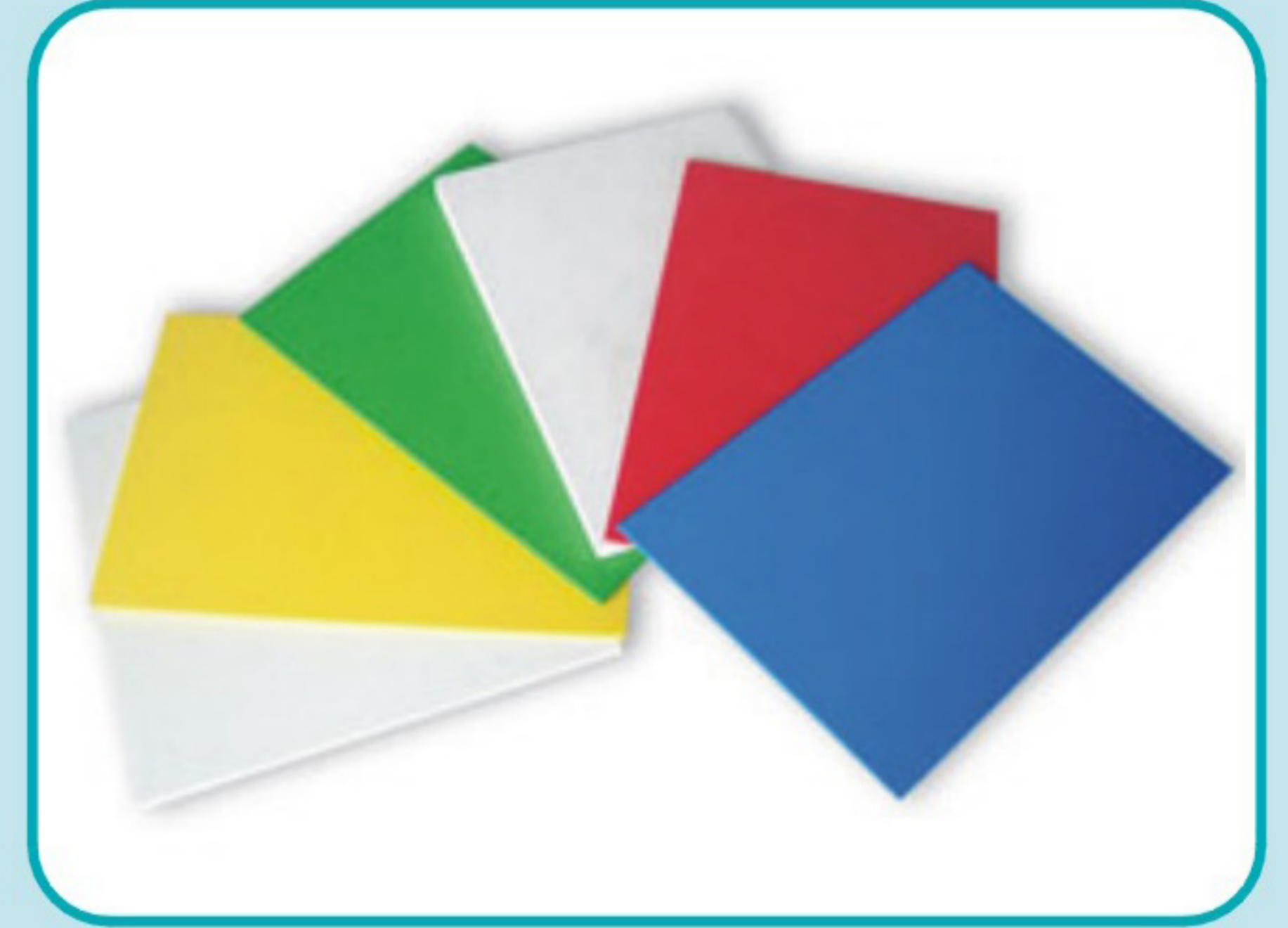
Thickness (mm): 2 ~ 300

Dimensions (mm) : 1050 x 2050, 1250 x 1850, 1250 x 2450, 2050 x 3050, 3000 x 6000

Color: clear, milky, opal, black, red, blue, yellow, green

Introduction:

PVC Foam Sheet and PVC Celuka Sheet is the new man-made material, It is made by foaming and pressing into sheet with additives, the main component is PolyVinyl Chloride, it has the fine chemical stability, anti-corrosive and high intensity, it can be the substitute of wood, it is widely used in the building, advertisement and decoration.



Features:

1. Waterproofing.
2. Heat preservation.
3. Excellent insulated.
4. Non-corrosion.
5. Non-toxic.
6. Stable color retention.
7. Fire retardant and self-extinguishing.
8. Tough, rigid with the high impact strength.
9. Good plasticity, being an excellent thermoform material.

Applications:

1. Screen printing, flat solvent printing, engraving, billboard and exhibition display.
2. Building outdoor wall board, indoor decoration board, partition board in office and house, bathroom furniture.
3. Ship, plane, railway carriage, interface layer of box.
4. Chemical anticorrosion project, special cold project, environmental protection.



Technical Specification:

Testing Project	Unit	Test Result
Performance Density	g/cm ³	0.45 - 0.80
Shore Hardness	D - shape	45 - 50
Tensile Strength	Mpa	12 - 20
Elongation at Break	%	15 - 20
Impact Strength	Kj/m ²	8 - 15
Vicat Softening Point	°C	73 - 76
Heating Dimensional Variation Ratio	%	+2
Hydroscopicity	%	≤1
Bending Strength	Mpa	12 - 18
Modulus of Elasticity in Static Bending	Mpa	800 - 900
Fire Resistance	Self-extinguish time is less than five seconds	

Specifications:

Thickness (mm): 1 ~ 20

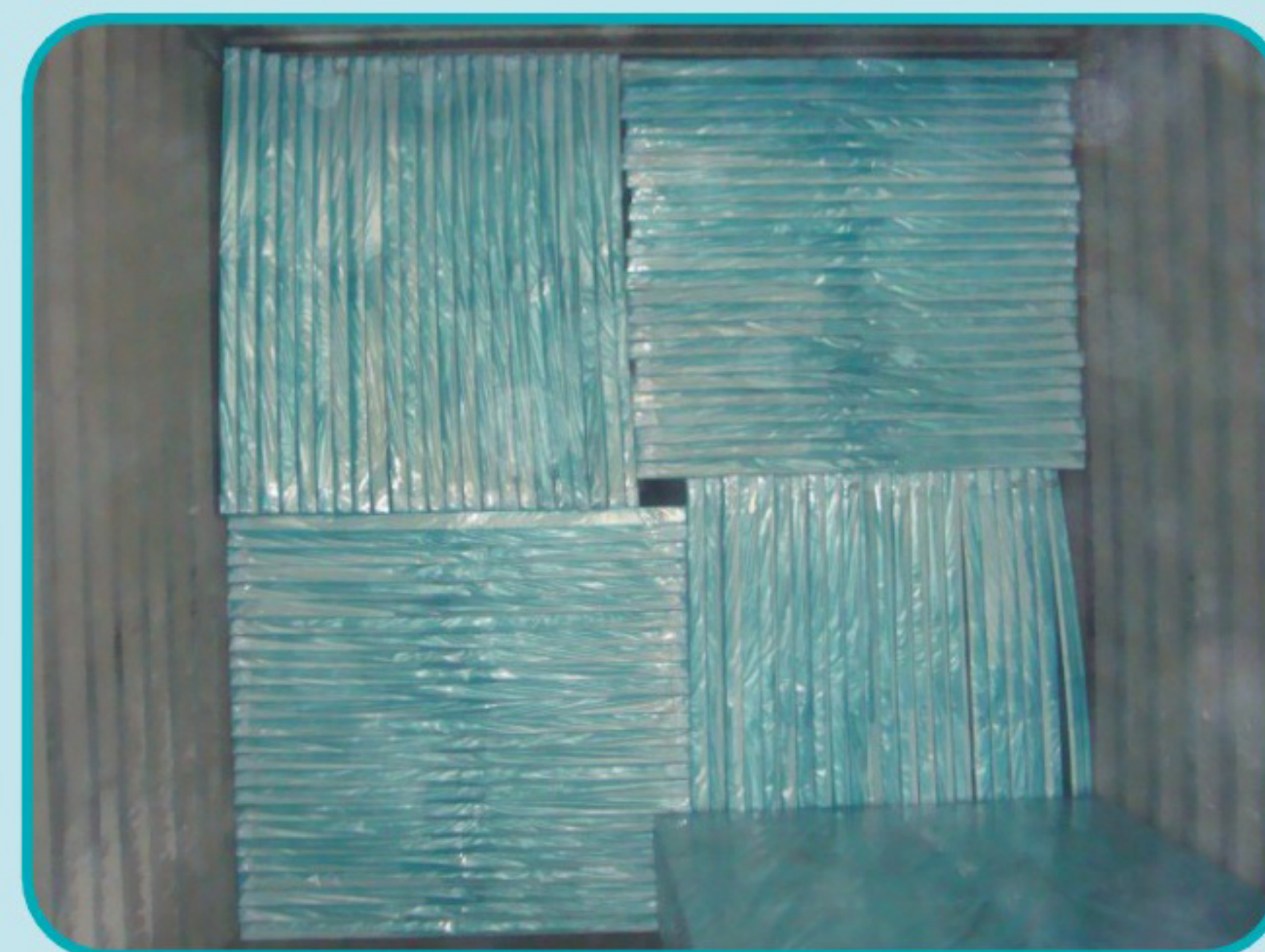
Width (mm): 1220, 1560, 2050

Length (mm): 2440, 3050 (length can be changed according to customer's requirement)

Color: white, black, red, blue, yellow, green, gray etc.



Production Line



Loading into Container