



# 南亞華麗板

## NAN YA DELUXE VINYL SHEETS



南亞塑膠工業股份有限公司  
NAN YA PLASTICS CORPORATION

# 南亞華麗板 NAN YA DELUXE VINYL SHEETS

PVC為研究與發展歷史皆十分悠久的合成材質，並且能在各項應用中使用而不受限制，多年來南亞致力發展這些材質，並已成功開發出「南亞華麗板」---是根據內漲法發泡之原理，由硬質PVC製造的中空發泡板材。

經由不斷的測試自動封邊及鎖接等各種加工方式，訂出理想肉厚及肋距結構，「南亞華麗板」的外觀及質感可達木製系統家具水準，並可廣泛應用於建築裝潢、傢俱、廣告、車體底板、漁筏船屋等用途。

PVC is a synthetic material with long history and almost limitless in its versatile applications. Nan Ya Plastics Corp. has dedicated to expanding the utility of this material for decades and succeeded in developing Deluxe Vinyl Sheets, a hollow foam board, made of rigid PVC through Celuka process. Via continual tests and improvements in automatic edge-sealing and interlocking connection, the ideal structure, thickness and rib-spacing of Deluxe Vinyl Sheets have been well-designed. The agreeable appearance and quality texture of Deluxe Vinyl Sheets are the same as real wood and are perfectly suitable for the applications in architectural decoration, furniture, advertisement, vehicle body, fishing rafts, boathouses, and so on.



## ◆ 特性說明 / ADVANTAGES

### (1) 防火性：

- 自熄性  
(符合美國UL94V-O規格及CNS 7614 防焰一級)
- 安全性高

### (2) 隔熱性：

- 低導熱性，隔熱效果佳
- 高絕緣性，具有保溫隔熱效果

### (3) 隔音性：

- 具有優異的隔音效果

### (4) 抗潮性：

- 耐候性佳，不易褪色
- 低吸水率
- 長期受潮不變質，適合台灣熱帶型氣候特性

### (5) 安定性：

- 材質穩定性極佳，對於溫度及濕度的脹縮變化極微
- 低比重，質輕
- 表面具有堅硬皮層（達2mm 厚），細緻的發泡結構
- 抗化學性，抗腐蝕性

### (6) 施工性：

- 平滑堅固，表面具珠光效果，易於印刷
- 可轉印，貼合加工
- 施工容易，可適用於傳統加工
- 可由自動封邊機封邊

### (7) 環保性：

- 防蟲，抗白蟻
- 通過SGS認證不含甲醛（CNS1349）
- 通過歐盟RoHS有害物質檢測要求
- 可回收再製

### (1) Fireproofing:

- Self-extinguishing and fire retardant (UL 94V-0 and CNS7614 Class 1)
- High safety

### (2) Heat resistance:

- Low thermal conductivity
- Thermal insulation

### (3) Sound isolation:

- Sound proof

### (4) Damp proofing:

- Weather-proof, fading resistance
- Low absorption of water
- No rot in humidity, suitable for the climate of Taiwan

### (5) Stability:

- High dimension stability
- Low specific gravity, lightweight
- Firm, smooth skin of 2mm thickness.
- Fine-celled foam structure
- Resistant to chemical substances. Non-corroding.

### (6) Easiness to construct:

- Workability.
- Good for duplicate printing, pasting, or re-processing
- Easy-processing with automatic edge-sealing machine

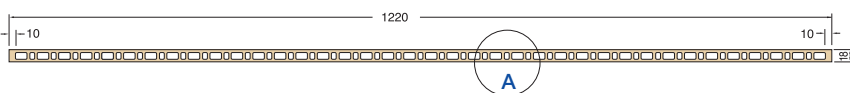
### (7) Good for environment:

- Anti-insects, termite resistance.
- No Formaldehyde SGS authentication (CNS 1349).
- Passing inspection requirements of EU RoHS concerning hazardous substances .
- Recyclable for remanufacture.

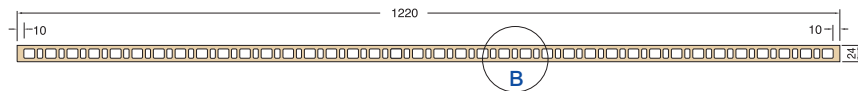


## ◆規格表 / SPECIFICATIONS

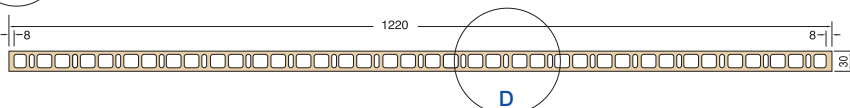
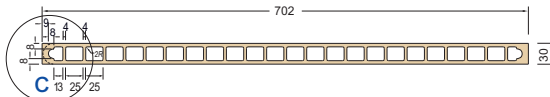
18mm 中空發泡板



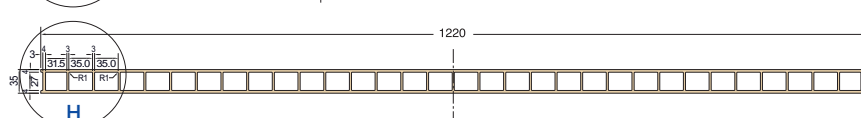
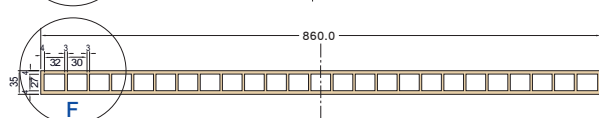
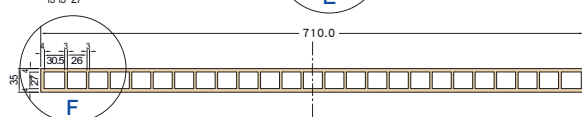
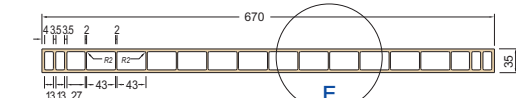
24mm 中空發泡板



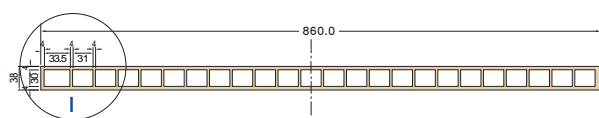
30mm 中空發泡板



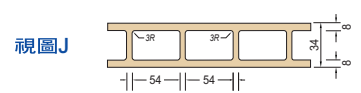
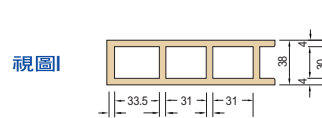
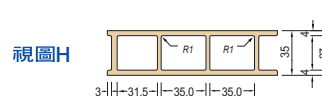
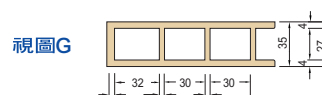
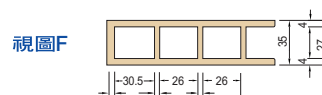
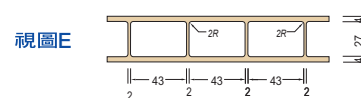
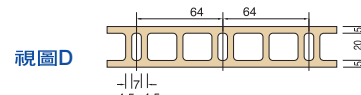
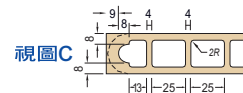
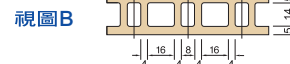
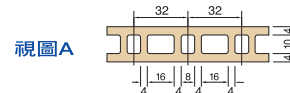
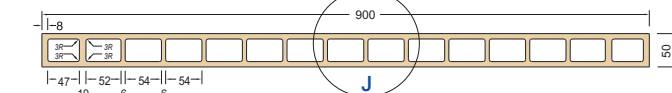
35mm 中空發泡板



38mm 中空發泡板



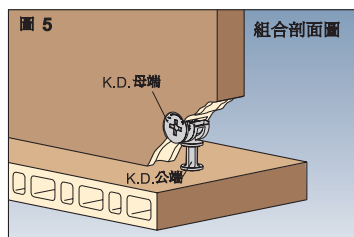
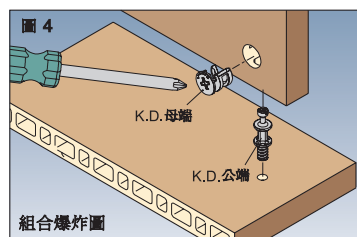
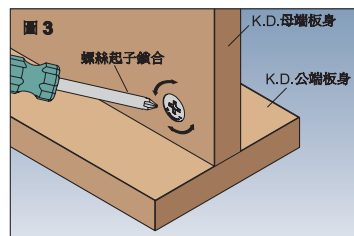
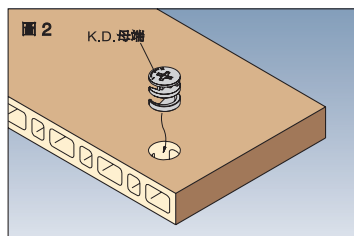
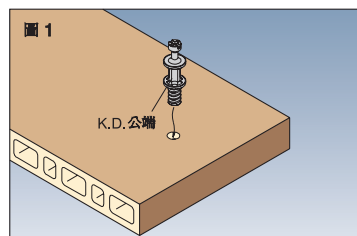
50mm 中空發泡板



◆除固定色水外，可依雙方議定調配。成品長度亦可依客我雙方議定作調整。

Colors and length of finished products can be adjusted to customer's requirements.

## ◆板材組裝步驟 / INSTALLATION GUIDE

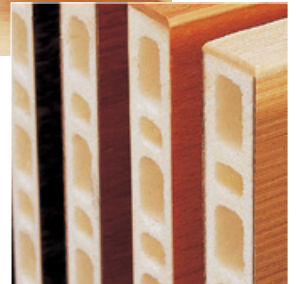


● 傢俱類:

- 組合櫃
- 桌、椅、傢俱
- 流理台
- 浴廁搗擺、置物櫃
- 戶外休閒桌、椅

● Furniture:

- Assembly cabinet
- Desk, Chair, Furniture
- Kitchen stand
- Bathroom cabinet.
- Outdoor leisure table, chair, etc.



▪ 櫥俱、流理台 Kitchen furniture



▪ 辦公傢俱 Office furniture



▪ 系統櫥櫃 System cabinet



▪ 系統櫥櫃 System cabinet



▪ 一般傢俱 Furniture



● 建築裝潢類

- 浴廁隔間擋擺
- 內部裝潢
- 花台、花架
- 輕型隔間、小木屋

● Construction decoration:

- Door panel of bathroom.
- Interior decoration
- Flower shelf
- Cabin
- Convenient Partition

▪ 浴廁擋擺 Door panel of bathroom



・活動隔屏 Partition



・小木屋外牆 Cabin



◆物性表 / PROPERTIES

| 類別<br>Kind            | 項目Item                                                                               | 方法<br>Method | 單位<br>Unit            | 試驗值<br>Value           |
|-----------------------|--------------------------------------------------------------------------------------|--------------|-----------------------|------------------------|
| 機械<br>—<br>Mechanical | 硬度Hardness                                                                           | ASTM D676    | SHORE D               | 65 ↑                   |
|                       | 平均比重Density                                                                          | ASTM D792    | g/cm <sup>3</sup>     | 0.7±0.03               |
|                       | 耐衝擊強度Impact strength                                                                 | ASTM D256    | kg.cm/cm <sup>2</sup> | 1.5                    |
|                       | 抗拉強度Tensile strength                                                                 | ASTM D638    | kg/cm <sup>2</sup>    | 120 ↑                  |
|                       | 抗彎曲強度Flexural strength                                                               | ASTM D790    | kg/cm <sup>2</sup>    | 240 ↑                  |
| 熱<br>—<br>Thermal     | 針入度 (Vicat)                                                                          | ASTM D1525   | °C                    | 75 ↑                   |
|                       | 熱膨脹係數 (從-30°C到50°C)<br>Coefficient of linear thermal expansion (from -30°C to +50°C) | ASTM D696    | mm/m°C                | 0.08                   |
|                       | 熱傳導係數Thermal conductivity (from 0°C + 60°C)                                          | DIN 52616    | w/mk                  | 0.03~0.05              |
|                       | 熱傳導率Rate of heat transfer                                                            | DIN 52616    | w(m2k)                | 1.2~1.8                |
|                       | 熱變形溫度Heating deflection temperature                                                  | ASTM D648    | °C                    | 56                     |
|                       |                                                                                      |              |                       |                        |
| 電氣<br>—<br>Electrical | 表面電阻抵抗Surface resistance                                                             | ASTM D257    | Ω                     | 3.7 × 10 <sup>15</sup> |
|                       | 絕緣破壞程度Dielectric strength                                                            | JIS 6911     | kv/cm                 | 48                     |
| 其他<br>—<br>Others     | 吸水率Water absorption                                                                  | ASTM D570    | %                     | 0.5                    |
|                       | 耐燃性Fire behaviour                                                                    | CNS 7614     | --                    | 防燄1級                   |
|                       | 隔音係數(Rw)                                                                             | DIN 52210/84 | dB                    | 35                     |

# ◆抗化學藥品性 / CHEMICAL RESISTANCE

| 藥品名稱<br>Chemicals                     | 溫度Temperature (°C) |    |    |
|---------------------------------------|--------------------|----|----|
|                                       | 20                 | 40 | 60 |
| 濃 鹽 酸 Concentrated Hydrochloric Acid  | △                  | ×  | ×  |
| 濃 硫 酸 Concentrated Sulfuric Acid      | △                  | ×  | ×  |
| 硫 酸 Sulfuric Acid 30%                 | ◎                  | ◎  | △  |
| 濃 硝 酸 Concentrated Nitric Acid        | △                  | ×  | ×  |
| 硝 酸 Nitric Acid 40%                   | ◎                  | ◎  | △  |
| 蟻 酸 Formic Acid 100%                  | △                  | ×  | ×  |
| 乳 酸 Lactic Acid                       | ◎                  | △  | ×  |
| 苛 性 鈉 Caustic Soda 40%                | ◎                  | ◎  | ◎  |
| 氨 水 Ammonia Water                     | ◎                  | ◎  | △  |
| 二 硫 化 鈉 Sodium Disulfide              | △                  | ×  | ×  |
| 丙 酮 Acetone                           | ×                  | ×  | ×  |
| 乙 醇 Ethyl Alcohol                     | ◎                  | ◎  | △  |
| 丁 醇 Butyl Alcohol                     | ◎                  | ◎  | △  |
| 甲 苯 Toluene                           | ×                  | ×  | ×  |
| 福 馬 林 Formalin                        | ◎                  | ◎  | △  |
| 二 硫 化 碳 Carbon Disulfide              | ×                  | ×  | ×  |
| 四 氯 化 碳 Carbon Tetrachloride          | △                  | ×  | ×  |
| 醋 酸 Acetic Acid 90%                   | △                  | ×  | ×  |
| 香 蕉 水 Butyl Acetate                   | ×                  | ×  | ×  |
| 汽 油 Gasoline                          | ◎                  | ◎  | △  |
| 甘 油 Glycerol                          | ◎                  | ◎  | ◎  |
| 噴 漆 溶 劑 Solution of spraying paints   | ×                  | ×  | ×  |
| 氯 氣 (乾性) Chlorine Gas (dried) 100%    | ×                  | ×  | ×  |
| 漂 白 液 Bleaching Solution              | ◎                  | △  | ×  |
| 海 水 鹽 水 Sea water, Salt water         | ◎                  | ◎  | ◎  |
| 澱粉(醣)溶液 Stach (carbohydrate) Solution | ◎                  | ◎  | ◎  |
| 釀 造 用 水 Brewing water                 | ◎                  | ◎  | ◎  |

◎表安全適用（不變色、變形），△表尚可使用（稍變色但不變形），×表不可使用（有變色及變形）。

◎Denotes well applicable; △Denotes applicable; ×Denotes inapplicable



塑三部 塑鋼  
傢具板網頁



IOS APP



Android APP



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**NAN YA PLASTICS CORPORATION**

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