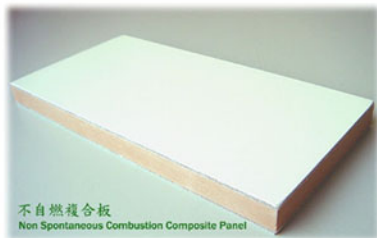




Non Spontaneous Combustion Composite Panel

<http://www.chps.com.tw>



不自燃複合板
Non Spontaneous Combustion Composite Panel

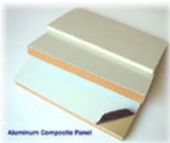
Non Spontaneous Combustion Composite Panel with the latest state-of-the-art mold pressing technology. We creatively develop **CHAMPION SHINE Non Spontaneous Combustion Composite Panel**, a high molecule polyvinyl chloride adhering sandwich construction panel. Our high quality and various design with competitive price could meet your needs without doubt.

Product Special Feature:

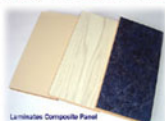
- Various material
- Flatness
- Corrosion resistance
- Impact resistance
- Thermal conduction
- Soundproof
- Waterproof
- Non spontaneous combustion
- Easy maintenance
- Workability & easy assemble

Material:

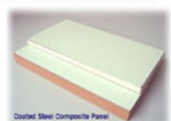
- Core material
Thickness: 2mm~100mm
Hardness: 80, 90, 98 Shore C
Density: 80 Shore C - 0.12g/cm³
98 Shore C - 0.86g/cm³
- Exterior sheet material
 1. Coated steel sheet - PVDF weather durable coating
 2. Aluminum alloy sheet - PVDF weather durable coating
 3. Stainless steel sheet - PVDF weather durable coating
 4. FRP composite sheet
 5. Rigid plastic sheet
 6. Laminate sheet
 (Color and Thickness to be designated)



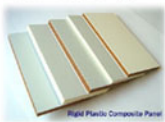
Aluminum Composite Panel



Laminate Composite Panel



Coated Steel Composite Panel



Rigid Plastic Composite Panel

Product Application:

- Exterior and interior design of modern construction, such as airports, gymnasiums, hotel etc.
- Body construction usage in cars, buses or yachts
- Tunnel walls, sky bridges, rain shield of balconies or attics, garage shields etc.
- Ceiling or toilet partition, doors, walls, pillars, ambries, furniture etc.
- Exterior of shopping windows or billboards etc.
- Elevators, escalators, automated teller machines etc.
- Special usage in laboratories or white rooms etc.

Density Range: 90 ~ 2000 kg/m³

Size Range:

- Standard Size
 - 910mm x 1810mm
 - 1200mm x 2440mm
 - 1520mm x 3050mm
 (Thickness & length to be designated)
- Particular Size
 - 910mm x 20000mm within 1220mm x 20000mm within
 - 1520mm x 20000mm within 2400mm x 20000mm within
 (Coated aluminum alloy sheet / thickness 0.2mm or above)

Test Report by SGS Taiwan Ltd.:

Item	Standard	Property
Specular Gloss	ASTM D523-89	61
Hardness by Pencil Test	ASTM D3363	3H
Adhesion by Tape Test	ASTM D3359-02	5B (None Removed)
Impact Resistance	ASTM D2794-93	No Crack, Peer or Deformation Due to Impact
Abrasion Test	ASTM D968-03	10 L/Mil
Chemical Resistance	ASTM D1308-02e1 ASTM D2248-01a ASTM D2244-02e1	No Visible Damage
Temperature & Humidity Test	ASTM D2247-02	No Visible Damage
Mortar Test	AAMA 605.2-85	No Visible Damage
Deflection Temperature	ASTM D648-01	Over 190°C
Liner Thermal Expansion	ASTM D696-03	69. 24 μm/m·°C
Flexural Properties	ASTM D790-03	57 kgf/cm ²
Density	ASTM D792-00	0.52 g/cm ³
Tensile Test	ASTM E8-04	Tensile Strength: 4116 kgf/ cm ² Yield Strength: 3990 kgf/ cm ² Elongation: 26.3 %
Thermal Transmission Properties	ASTM C177-97	Thermal Conductivity: 0.0339 W/m · K Thermal Resistance: 0.4181 m ² · K/W



Champion Shine Enterprise Co., Ltd.

冠旭企業有限公司
No.1 Kong Yeh Rd., Nantou City
54065, Taiwan
54065 台灣南投市工業路一號
Tel: +886-49-2252622~3
Fax: +886-49-2252621
E-mail: chs2@ms13.hinet.net
sales@chps.com.tw
Website: <http://www.chps.com.tw>