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OUR PHILOSOPHY

At Christofi Bros Trading Ltd, we understand the value of quality construction. That's why we created the PVC SmartCraft brand: a range of smart, functional, and aesthetically pleasing PVC solutions for both professional and residential applications.

Products that combine technology, aesthetics, and durability designed to meet modern construction needs with attention to detail.

Each PVC SmartCraft product line is the result of research and innovation. From skirting boards and decoration panels to fencing and wall claddings, we offer solutions that add value, simplify installation, and stand out in any space.

With a commitment to quality, reliability, and professionalism, PVC SmartCraft is here to meet the real needs of today's craftsmen, architects, and contractors.

DURABILITY

FUNCTIONALITY

DESIGN

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PVC

FOAM

BOARD

Specifications

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PVC foam board is a rigid, closed-cell material made from polyvinyl chloride. It stands out for its exceptional combination of strength, lightness, and dimensional stability. The board has a smooth, matte surface on both sides, which is uniform, low-gloss, and non-porous. Key Properties:

- Lightweight yet rigid easy to handle without sacrificing structural integrity.
- Waterproof and moisture-resistant does not absorb water, swell, or warp.
- Corrosion-resistant unaffected by most chemicals, oils, and acids.
- Fire-retardant meets many international fire safety standards.
- UV-resistant maintains stability and appearance in outdoor environments.
- Thermoformable can be heated and shaped without losing mechanical strength.

- Low thermal conductivity offers insulation against heat and cold.

- Sound-insulating – reduces noise transmission due to its dense structure.

- Non-toxic and lead-free safe for indoor environments.

These characteristics make PVC foam board material that offers high performance in demanding conditions, while remaining easy to fabricate and customize.

Property: Value

Thickness: 4mm – 6mm – 10 mm – 12 mm – 18 mm – 19mm

Density: 0.5 – 0.6 g/cm

Standard Size: 1220 mm × 2440 mm & 1560 mm × 3050 mm

Surface Finish: Smooth / Matte

Color Options: White (custom colors available)

Tensile Strength: ≥ 12 MPa

Shore Hardness: 55 – 65

Shore D

Water Absorption: $< 1.0\%$

Thermal Conductivity:

0.06 – 0.08 W/m·K

Working Temperature:

-10°C to +55°C

Fire Resistance: Self-extinguishing (per ASTM D-635)

Reaction to Fire: B-s1-d0

UV Resistance: High UV Resistance

Processing: Sawing, drilling, screwing, bonding

FENCESMART

FENCESMART is a specialized brand under PVC SMARTCRAFT, focused on the design and manufacture of high-quality PVC fencing solutions. Engineered for durability, low maintenance, and aesthetic appeal, FENCESMART offers a modern alternative to traditional fencing materials for residential, commercial, and industrial applications. Our PVC fences combine strength, weather resistance, and stylish design perfect for securing and beautifying outdoor spaces with smart, sustainable solutions.

Weather Resistance

- Does not rot, warp, or corrode like wood or metal.
- Highly resistant to moisture, UV rays, and extreme weather.
- Ideal for outdoor use in all climates

Low Maintenance

- No need for painting, staining, or sealing.
- Easy to clean with water and mild soap.
- Doesn't attract pests like termites.

Lightweight and Easy to Install

- It is easier to handle, and transport compared to wood or metal.
- Can be cut and shaped with standard tools.
- Reduces installation time and labor costs.

Durability and Strength

- Despite being lightweight, PVC foam board is rigid and strong.
- Offers good impact resistance and can last 10-25 years or more depending on the quality.

Aesthetic Versatility

- Available in a variety of colors, finishes, and textures (e.g., wood grain).
- Can be customized to suit modern, traditional, or decorative designs.

Eco-Friendly Options

- PVC foam boards are made with recycled content and are recyclable.
- Produces less waste compared to treated wood over time.

**FIRE AND CHEMICAL
RESISTANCE**

- PVC is self-extinguishing and resistant to many chemicals, adding safety in industrial or high-risk areas.

COST-EFFECTIVE OVER TIME

- Higher upfront cost than wood but saves money long-term due to lower maintenance and replacement needs.

DECO SMART

DECOSMART is a *premium brand* under **PVC SMARTCRAFT**, dedicated to the design and manufacture of high-quality PVC decorative panels for both interior and exterior applications.

Combining innovation, style, and durability, **DECOSMART** offers modern solutions for enhancing residential, commercial, and industrial spaces. Our panels are crafted to meet the highest standards of aesthetics and functionality, perfect for wall cladding, ceilings, facades, and custom design projects.



*At DECOSMART, we redefine spaces
with smart, stylish, and sustainable
PVC designs that inspire.*

WALLSMART

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WALLSMART is a dedicated brand under PVC SMARTCRAFT, specializing in the manufacture of premium PVC wall cladding panels. Designed for both functionality and visual appeal, **WALLSMART** panels offer a stylish, low-maintenance, and durable solution for interior and exterior wall applications. Whether for homes, offices, or commercial environments, **WALLSMART** transforms ordinary walls into elegant, modern surfaces with smart design and long-lasting performance.

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SMARTEDGE

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Precision in Every Edge

SMARTEDGE, a flagship brand of PVC SMARTCRAFT, offers a sophisticated range of PVC skirtings designed to elevate interior spaces. From standard skirtings to designer profiles and integrated lighting skirtings, **SMARTEDGE** combines functionality, style, and durability.



Engineered for modern aesthetics and easy installation, our skirtings bring clean finishes and smart detailing to any wall-floor junction. Experience the edge of innovation.

Experience SMARTEDGE.

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