

Made for unique designs

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SILKEN

Made for unique designs



SILKEN™
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QUALITY PRODUCTS FROM

Product by



iNNOVATION PVC MARBO

ISO 9001:2015 14001:2015

What is SILKEN?

Silken HD Boards from Innovation PVC Marbo. The most creative and eco-friendly with incomparable physical properties suitable for a very wide range of applications in both, interior as well as exterior. It also allows you to create unique designs with Veneers, laminates and CNC.



How SILKEN is Eco-friendly?

PVC/WPC Board is degradable and recyclable. We recycle and reuse PVC/WPC to help reduce our carbon footprint on earth while using Lead Free. PVC/WPC is also a great substitute for using wood. By helping reduce the amount of trees cut down, we believe SILKEN is ultimately helping keep the world green.



What is Lead Free?

Lead Free means it doesn't contain lead. Lead is a heavy metal with atomic number 82. If ingested, lead is poisonous to animal, including humans. It damages the nervous system and causes brain disorders. Excessive lead also causes blood disorders in mammals.



Benefits of Lead Free Products:

- An alloy of copper and zinc with lead content of 2-8%.
- Even modern brass alloys such as DZR Brass (Dezincification resistant).
- Excellent resistance to calcium buildup means more times to do what you really want and less time you need to spend on cleaning chores.
- Damp cloth with mild soap will take care of most cleaning need.
- Advanced polymers we can use can be easily recycled via known and available techniques.

Why Silken?





What is SILKEN PVC/WPC?

PVC/WPC is the most creative and eco-friendly product with incomparable physical properties suitable for a very wide range of applications in both, interior as well as exterior applications.

Where it is used??

WPC is used as a flooring material (decking) mainly outdoors, but also indoors. WPC is also used as railing | privacy fencing | exterior wall cladding | furniture and much more.

What makes PVC/WPC board important?

PVC/WPC Board is one of the most versatile products to meet the various needs of modern architecture. Wood or any other building materials have a short-term life as they are reliable to spoil and damage from weather and insects while, PVC/WPC offers

longevity, as it is resistant to weathering, decompose, shock and being eaten away, Fire Retardant and the most important thing is it can be recycled at the end of its useful life.

Therefore, now a days PVC/WPC is replacing traditional building materials such as wood, concrete and metals in many applications because of its versatility, long term, minimum cost and can be used for long time.



SPECIFICATIONS

PVC and WPC Foam Boards:

| SIZE | AVAILABLE THICKNESS | COLOUR |
|-----------------|---------------------|----------------|
| 2440MM x 1220MM | 5MM 8MM 12MM | WHITE AND GREY |
| | 15MM 18MM 24MM | |

SILKEN vs OTHER BRANDS

| PROPERTIES | SILKEN | OTHER BRAND |
|------------------------|------------------------|--|
| DENSITY | CONFIRMED | NOT STANDARD |
| EDGES | SMOOTH | NOT SMOOTH DUE TO HIGH CALCIUM CONTENT |
| CALIBRATION | ✓ | X |
| PVC | VIRGIN | RECYCLED |
| GRADING | GRANDED DENSITY | NON-GRANDED DENSITY |
| PVC CONTENT | HIGH PVC & LOW CALCIUM | LOW PVC & HIGH CALCIUM |
| BENDING STRENGTH | HIGH | LOW |
| LOAD CARRYING CAPACITY | HIGH | LOW |
| SCREW HOLDING | HIGH | LOW |
| IMPACT RESISTANCE | HIGH | LOW |
| SURFACE HARDNESS | 65-70D | 40-60D |
| LEAD FREE | YES | NO |
| TESTING | INTERTEK | NO RECORD OF ANY TESTS |

FEATURES

- 100% recyclable
- 100% waterproof
- Fire retardant
- 100% termite and pest proof
- Light weight
- Resistant to chemical
- Eco-friendly
- Lead free

SILKEN RECOMMENDATIONS:

Tools : Silken HD Boards are very easy to work on products. They can be cut, drilled or screwed like any other wood based boards. All these processes can be done with any carpenter tools.

Screwing: It is advisable to use screws. Nailing should be recommended.

Fasten: It can be sanded, painted and it enable veneer or laminate to be pasted on its surface with ease.

Storage: Best recommended way of stacking is horizontal placement.



WPC DOORS

PVC and WPC Foam Boards:

SIZE

Length: 72" 75" 78" 81" 84"

Width: 26" 28" 30" 32" 34" 36"

AVAILABLE THICKNESS

25MM 28MM 30MM

APPLICATIONS:

Silken HD Boards can be used in wide range of applications.



Furniture



Railing



Privacy Fencing



Partitions



Wall cladding



CALL FROM THE NATURE

**WOOD GLOSS
WOOD MATT**

LOVABLE RUSTICS

RUSTICS

MARBLE MAGICS

**MARBLE GLOSS
MARBLE MATT**

STUNNING SPARKLES

SPARKLE GLOSS

SIMPLY PLAIN

**SOLID GLOSS
SOLID MATT**

PVC Laminates

TECHNICAL SPECIFICATIONS

| SIZE | AVAILABLE THICKNESS |
|---------|---------------------|
| 8' x 4' | 1.2 MM |

SILKEN RANGE

Wood Gloss | Wood Matt | Rustic | Marble Gloss |
Marble Matt | Sparkle Gloss | Solid Gloss | Solid Matt

MORE THAN 70 OPTIONS ..!

APPLICATION

Silken is a complete interior solution for residential and commercial areas - houses, offices, buildings, hotels, hospitals, spas etc. It is a smart and luxurious solution for redefining YOUR SPACE !

STAR FEATURES OF

90° BENDABLE

No need to cut & join pieces during fabrication, Silken allows easy & quick application.

COST EFFECTIVE

Gets divine marble finish or a rustic metallic look without draining your pocket.

RESOLUTE PRODUCT

The most creative & durable product with incomparable physical properties - termite proof, moisture resistant, fire retardant etc.

COMPLIMENTARY PRODUCT

With an exquisite finish, it is an ideal product to complement other building materials in your space.

TIPS

- Instead of edge - branding during fabrication. use the same Silken laminate sheet through out to get a homogeneous look. A 90 degree bend can be achieved by creating a groove with a standard wood cutting knife leaving at least half of the skin untouched and then bending it.
- Standard wood - working tools & machinery can be used to work with laminates. Cut it ! Saw it ! Nail it !Screw it ! Drill it ! Mold it ! Rout it !Bond it ! etc.
- Avoid exterior applications and acidic, alkaline or abrasive cleaning agents.



Water Proof

Fully Water Proof



Fire Retardant

Fire Retardant



Long Lasting

Long Lasting



Carpenter Friendly

Carpenter Friendly



Termite & Pest Proof

Termite & Pest Proof



Glossy Surface

Matt & Glossy Surface



90° Bendable Laminates

90° Bend