



Purbanchal Composite Panel (I) Pvt. Ltd.

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LEAD-FREE BOARD

STYLEFOLIO

ARTISTIC PVC CNC GRILLS





LEAD-FREE BOARD

Since the foundation of the group, AMULYA has come a long way to become India's leading brand in the laminate industry. Over the course of last decade, group has become a corporate force and India's leading company in plywood and laminate sector. Driven by its strong consumer-focus and innovative spirit, the group has become the market leader in laminate industry. Today, the company manufactures a wide range of laminates, plywood, cladding, WPC, PVC Laminate etc for decorative and industrial use. The group has added one more feather in its wings as a PURBANCHAL COMPOSITE PANEL INDIA [PVT] LTD to manufacture WPC and PVC decorative laminates.

PURBANCHAL COMPOSITE PANEL INDIA [Pvt] LTD

PURBANCHAL COMPOSITE PANEL India Pvt Ltd is a professionally managed company setup to manufacture superlative quality of WPC and PVC laminate which is 100% LEAD and formaldehyde emission free sheet. Purbanchal Composite Panel strives to be a competitive force on a large scale with regard to all its business endeavors. Its mission is to attain economic prosperity and competence through Indian ethos and western work culture, an amalgamation of which can only lead to success and fruitful results. The main aim of the company is to provide services and products that are unmatched, making its customers vouch for it any given time and know them as leading manufacturers and suppliers of WPC and PVC laminates. It is with the superlative quality of the products and services offered, the company strives to be popular as the only PVC laminate brand that comes too its clients' mind, when they speak of quality and efficiency.

Company source the best raw material for its WPC and PVC laminate to ensure top quality and offer multiple designs of PVC laminates to make your house or office a place you always imagined it to be like. We offer wooden colour, sparkle shades, fancy shades, solid colours etc. You name it, desire it, order it and we make it.


Enjoying a great market presence, company has a praiseworthy high brand recall among our customers. Tapping the resources to the best possible, we have achieved a competitive advantage due to the technology innovation we exhibit and delivering great customer satisfaction. For delivering international quality, we use hygienic and virgin raw material to manufacture WPC and PVC laminate and have a massive chain of furniture manufacturers, to whom we supply it.


UNCOMPARABLE WITH MDF, PARTICLE BOARD & OTHER WOOD BASED PANELS


Plenty of reasons to choose AMULYA LEAD-FREE PVC GRILL





| MDF/Particle Board/ Other Wood Based Panels | | AMULYA WPC Board (100% LEAD Free Panel) |
|--|---|--|
| Particle board/ MDF soak up water and other liquids like sponge and swell or deform. Poor resistant to water or moisture | ↔ | WPC is completely 100% water proof can be used in swimming pool for life time. |
| Because it consists of such fine particles, Particle board/MDF does not hold screws very well, and it is very easy to strip the screw holes. | ↔ | WPC structure is so dense and compact that one screw or nail enters then it is very difficult to pull it out. High nail holding capacity than natural wood also. |
| MDF/ particle board content formaldehyde which emits during stacking or after use and causes health related problems. | ↔ | AMULYA WPC is eco-friendly product and does not emit formaldehyde as it is made with virgin raw materials. |
| It is easily approachable for termites and borers because of its less density and particles. | ↔ | 0% chance of termite or borer to destroy WPC board. Completely safe against any wood destroying organisms. |
| High chances of rotting or cracking. | ↔ | Highly stable panel, no chance of rotting or cracking or bending in any application. |
| It has poor load bearing capacity so it get bend or crack at high load bearing conditions. | ↔ | High density and known for high load bearing strength. |
| MDF/Particle board is not recommended for exterior applications | ↔ | WPC can be used anywhere in interior as well as exterior applications. |
| MDF/Particle board support fire thus can't resist fire. | ↔ | WPC prevent fire to spread, it does not support fire to spread. WPC is fire resistant. |



100% Waterproof



Termite and Pest proof



Fire retardant



High screw holding



No shrinkage and swelling



Life time warranty



Non-toxic panel



Corrosion resistance



Light weight



Easy to saw and cut



Impact resistance



Chemical resistance



Maintenance free



Environment friendly


Easy for lamination


Smooth surface


Multiple applications


Easy Installation


Anti Fungal/
Anti Bacterial

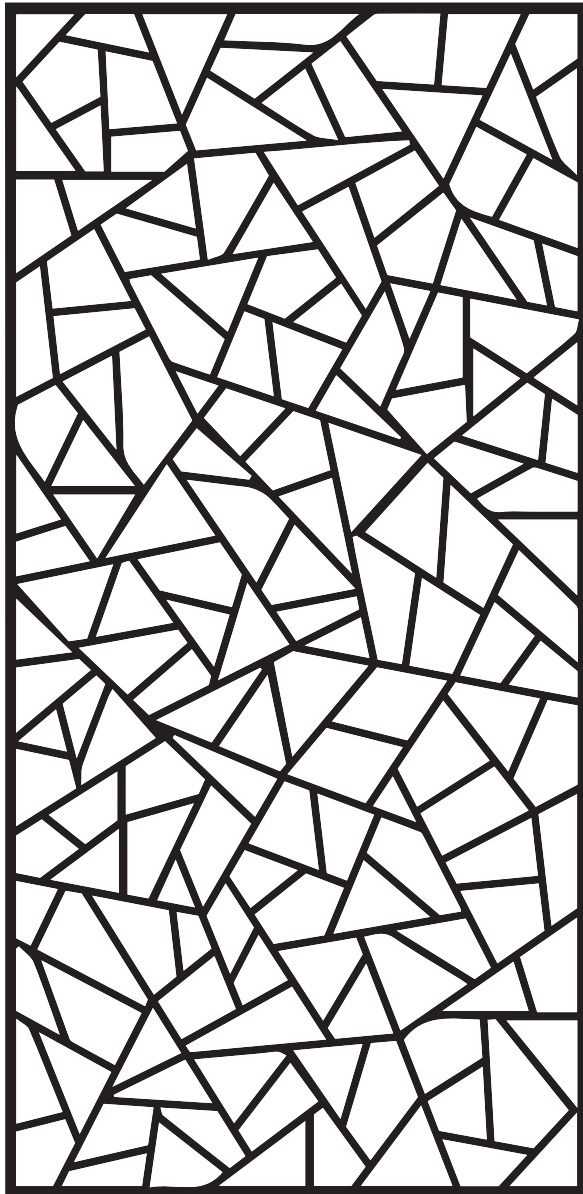
LEAD FREE PVC FOAM BOARD JALI

Standard Dimension : 2440mm x 1220mm
Available Thickness : 6mm, 12mm & 18mm
Base Material : LEAD FREE PVC FOAM BOARD

Note : Customized sizes & design can be done

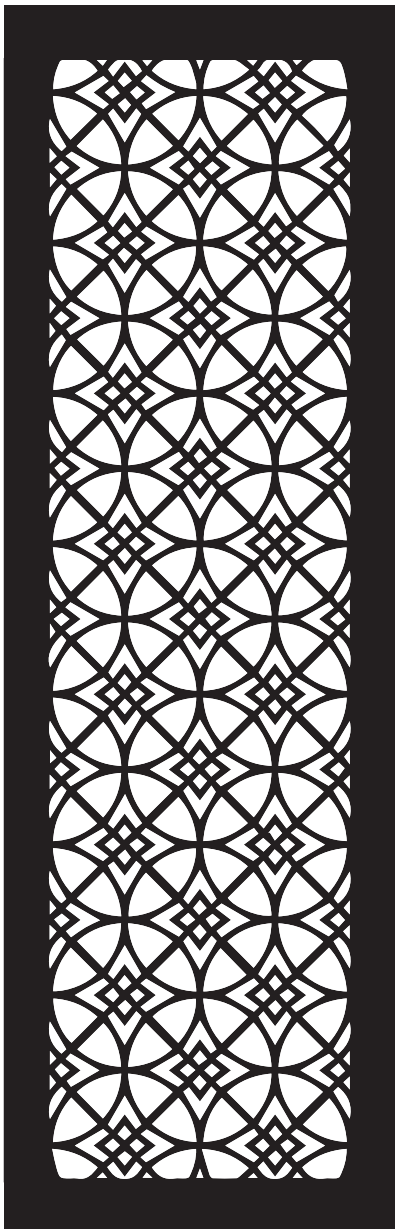


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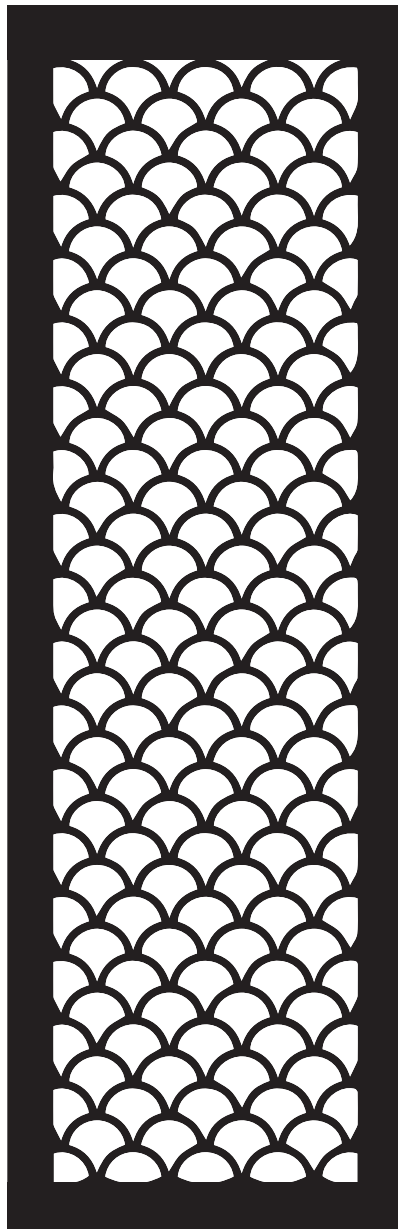




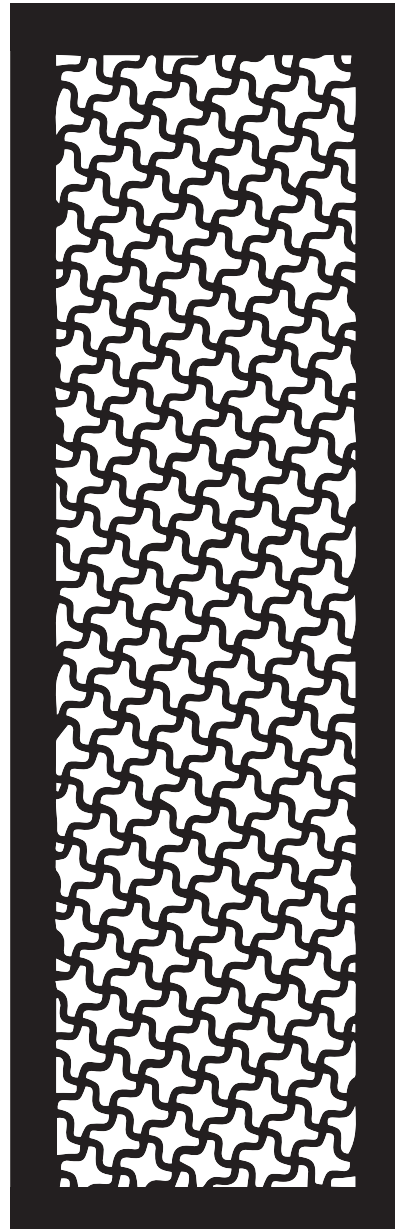
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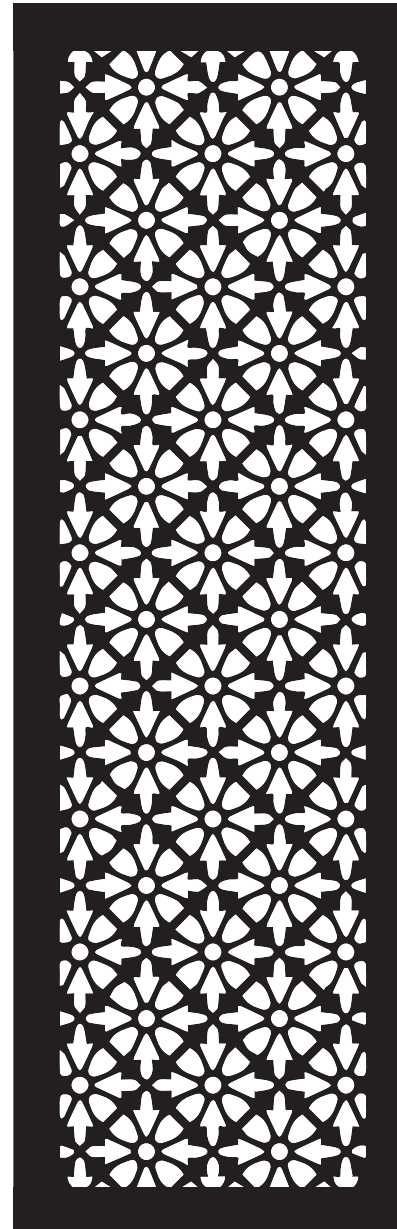
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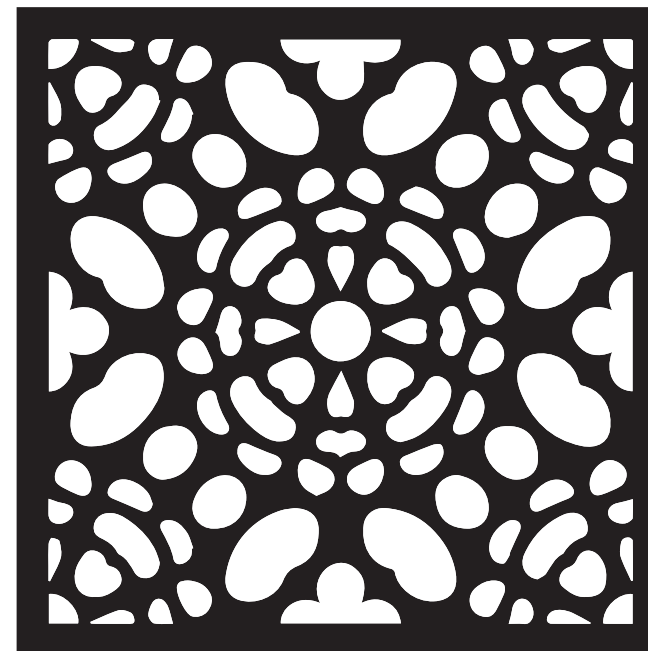
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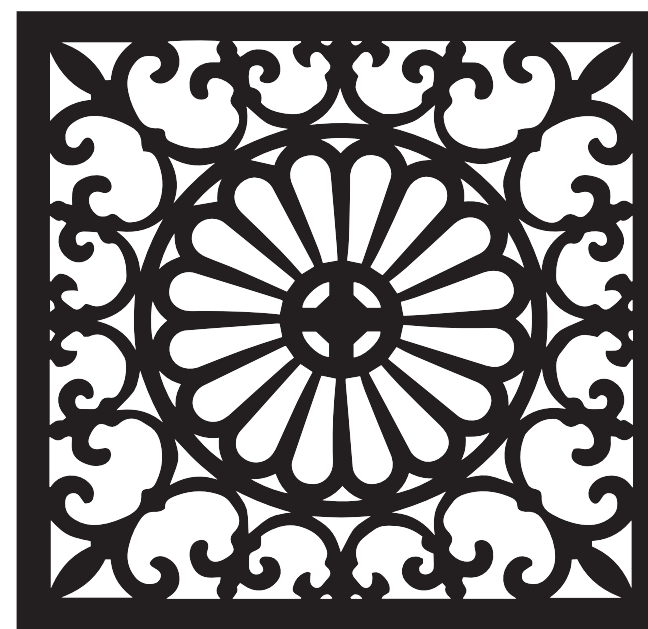
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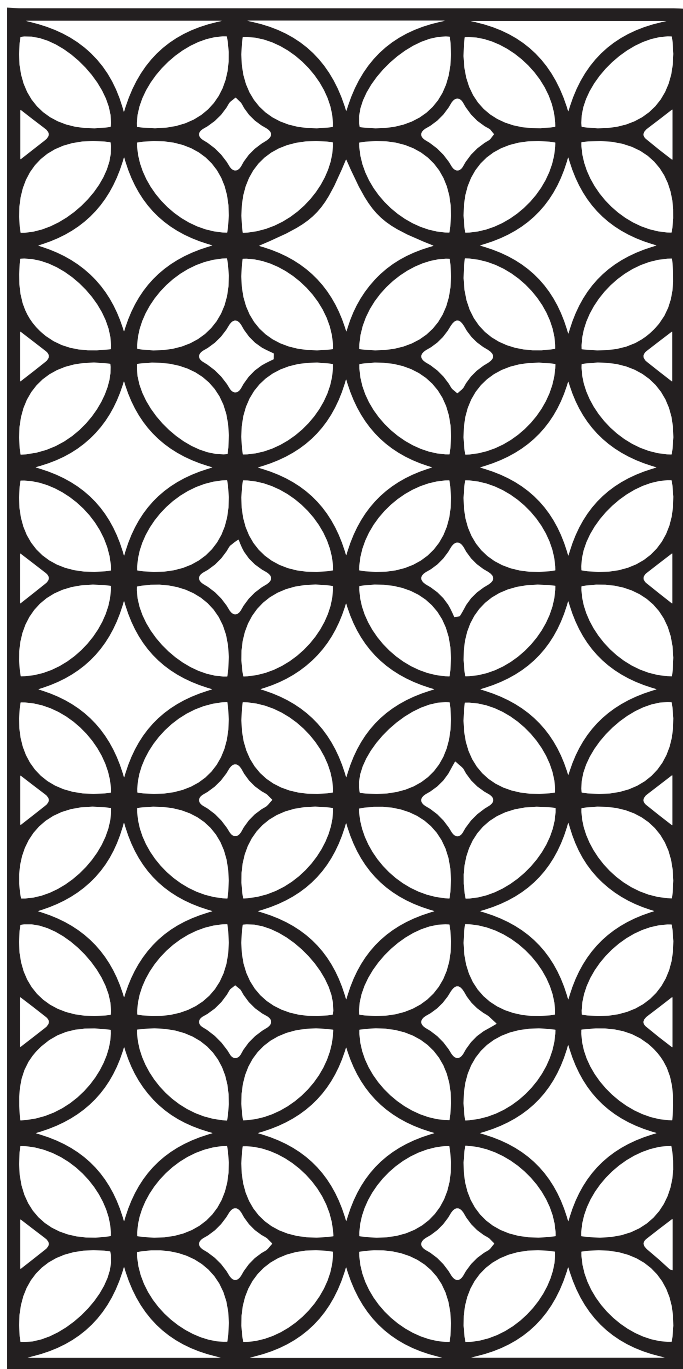


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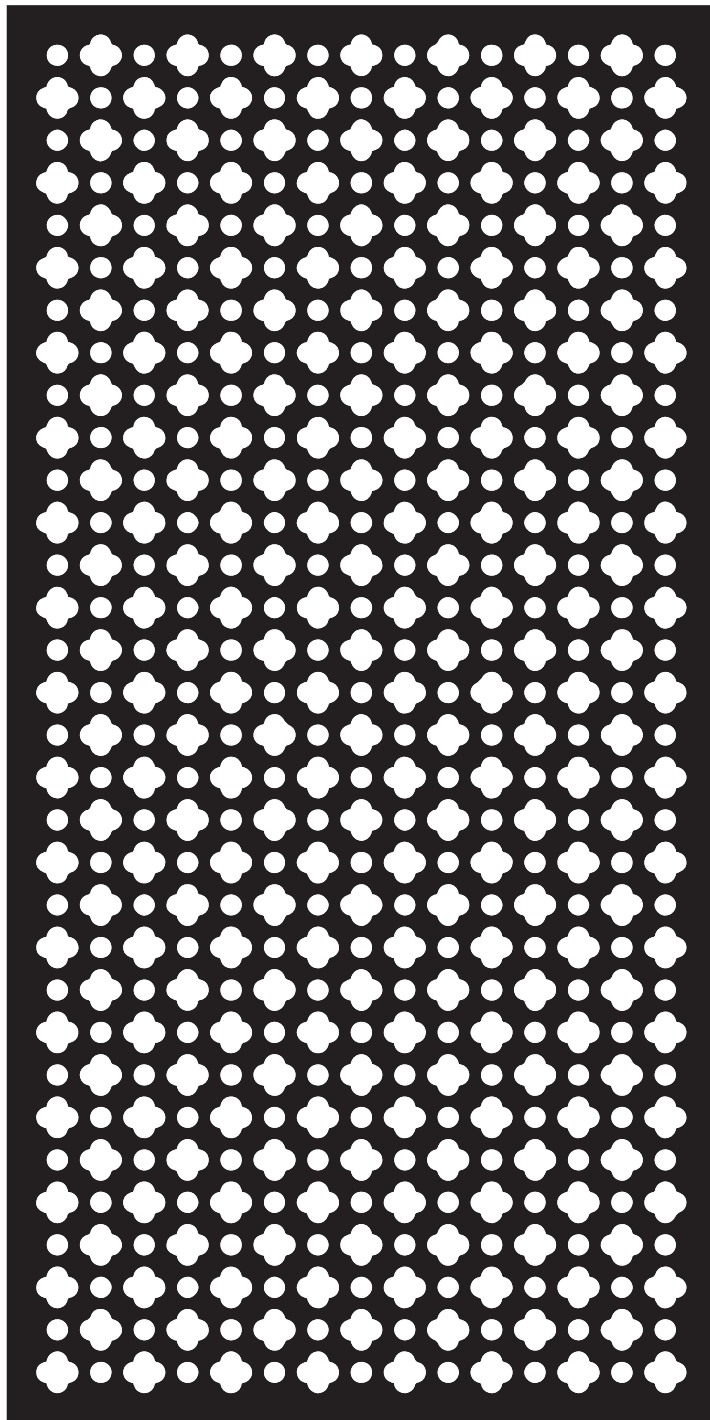


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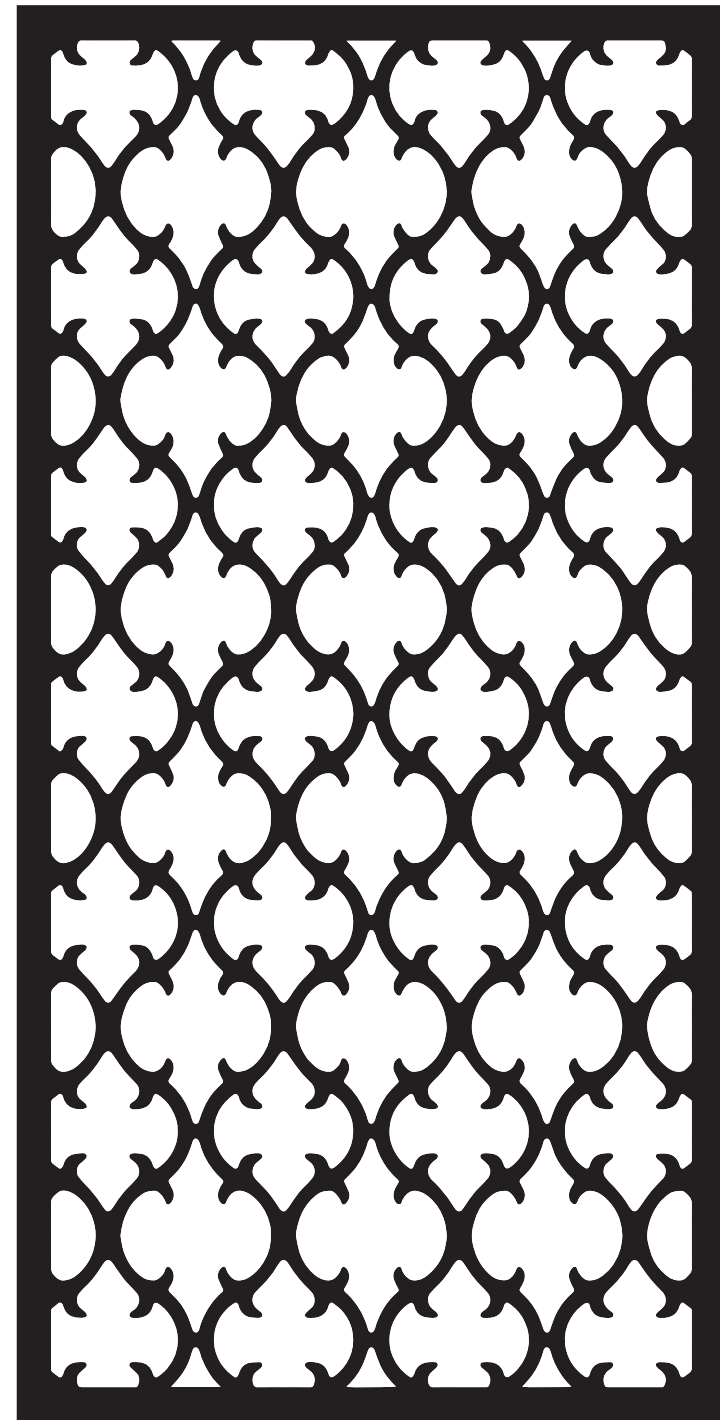




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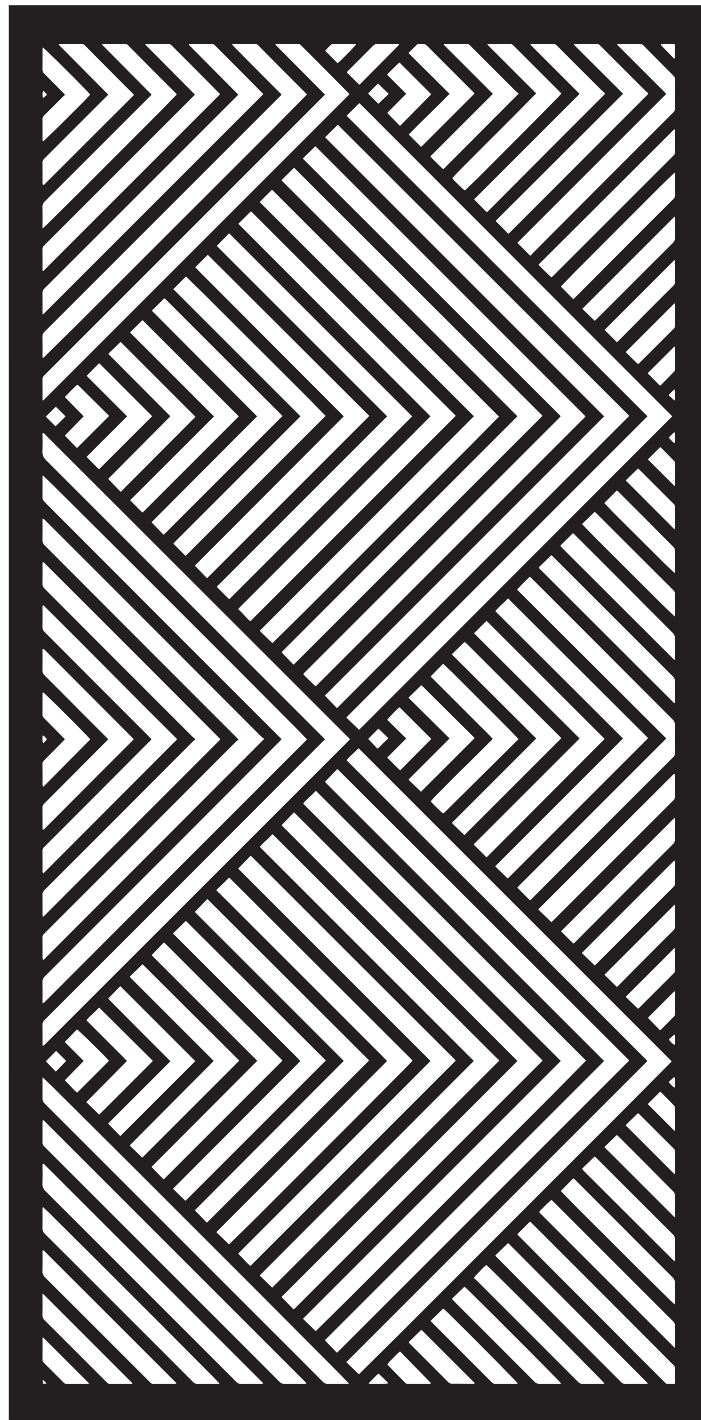


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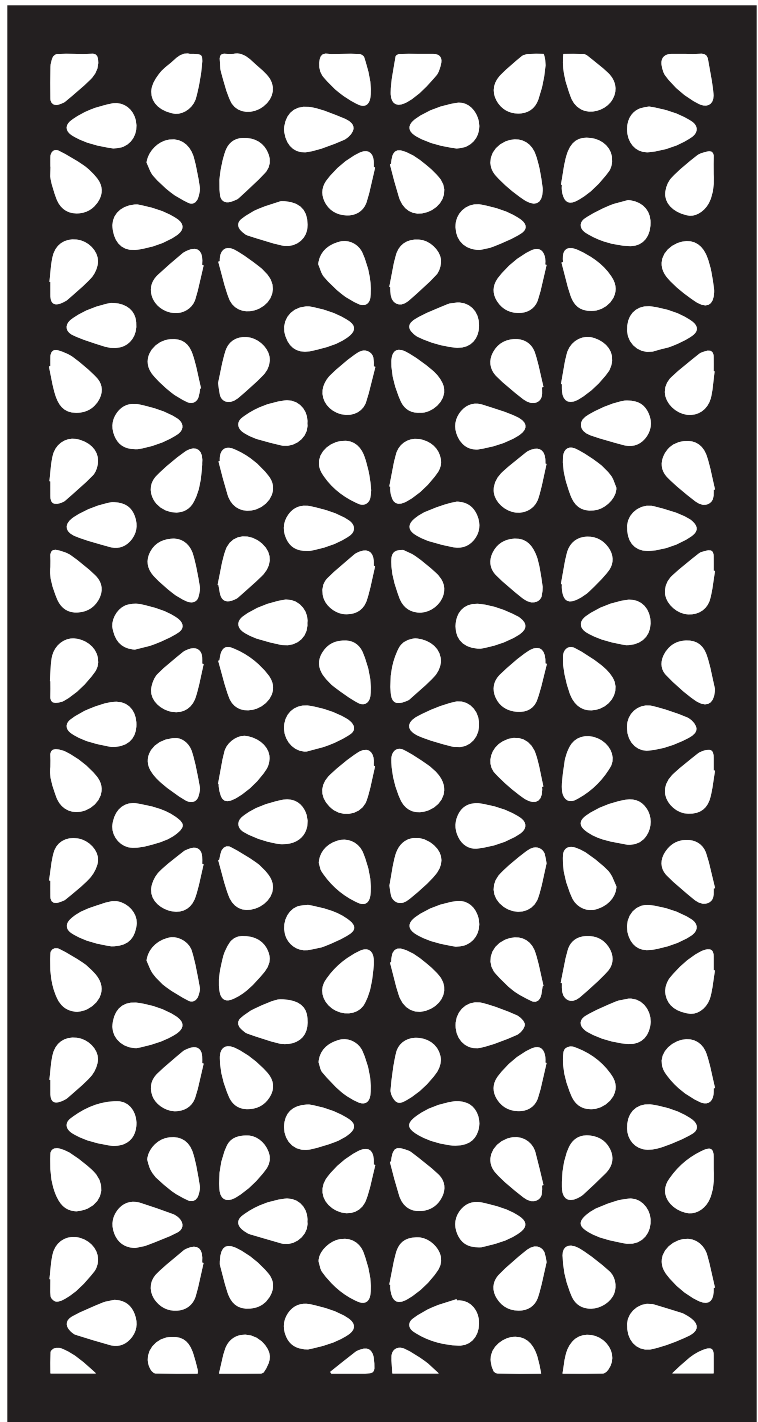


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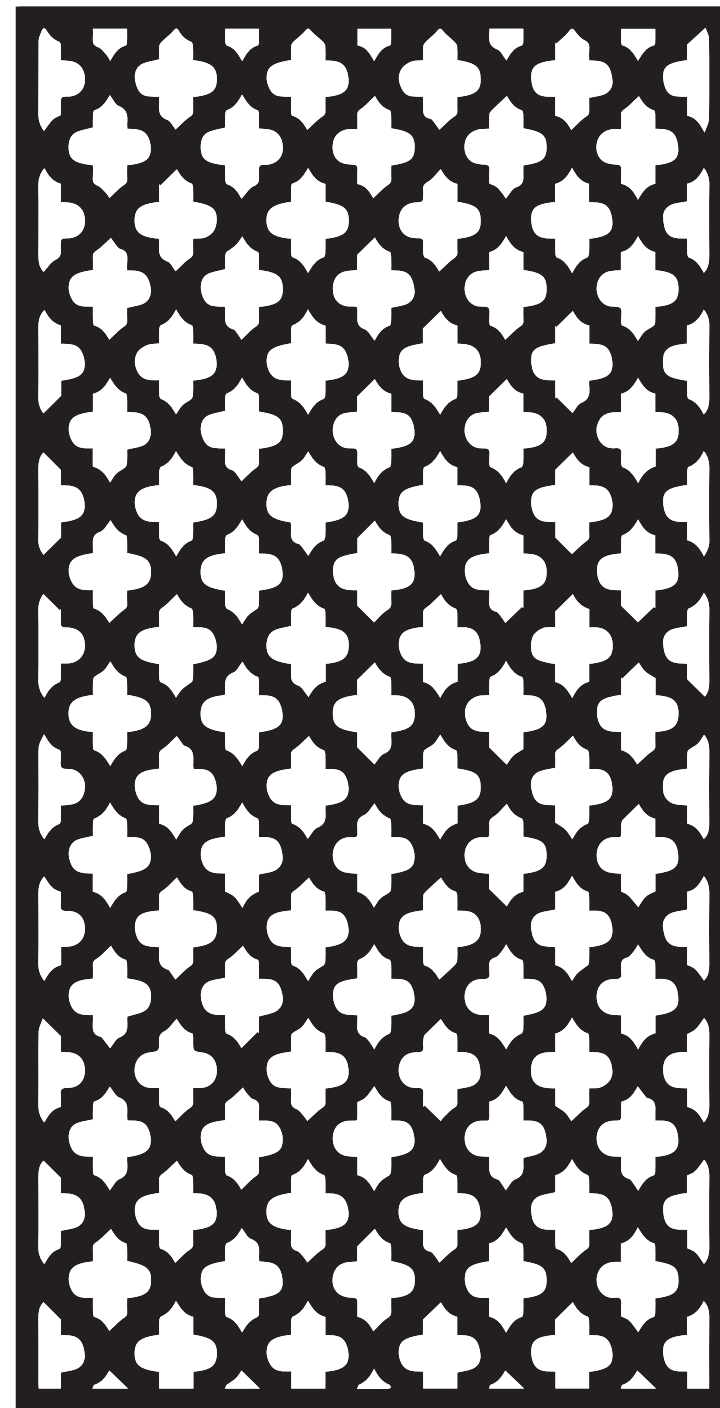




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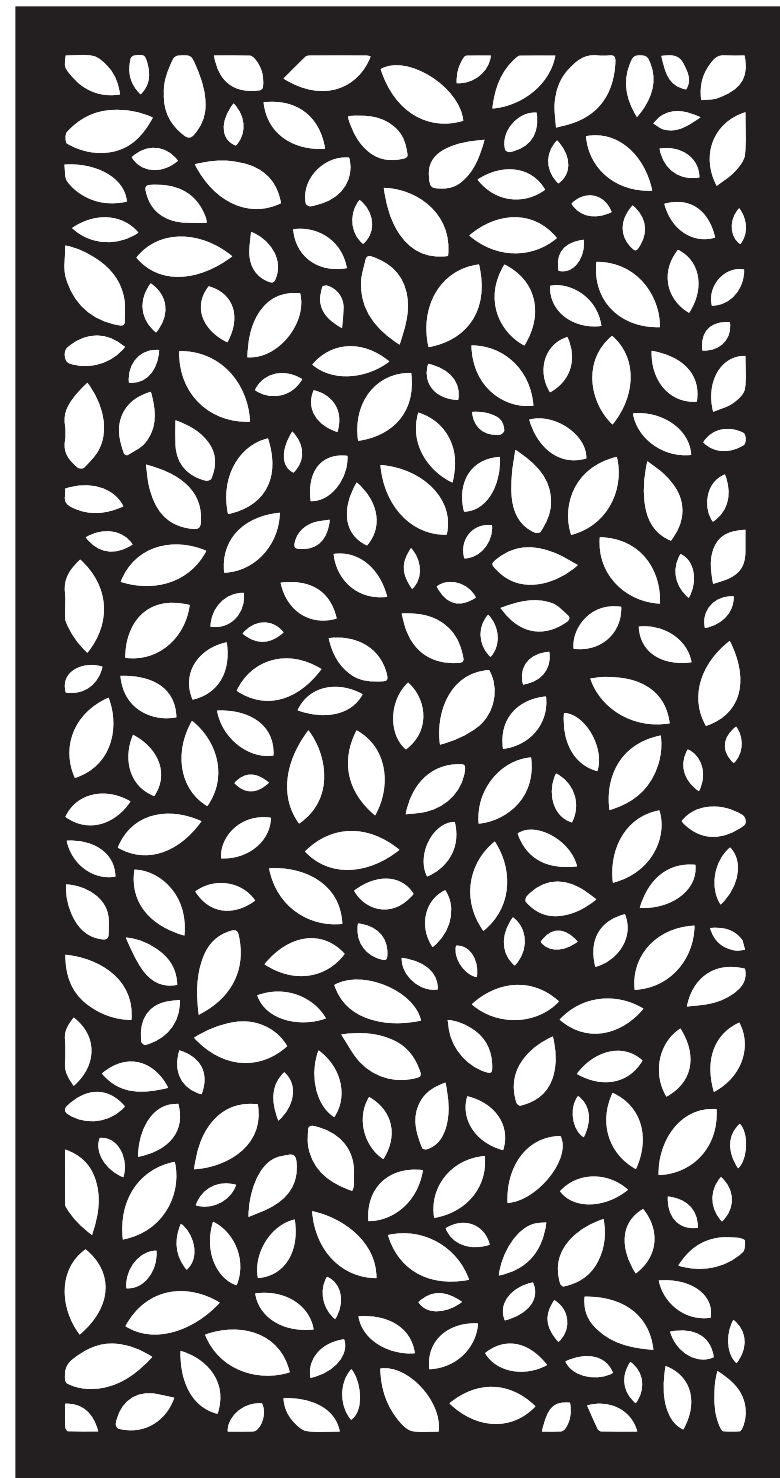




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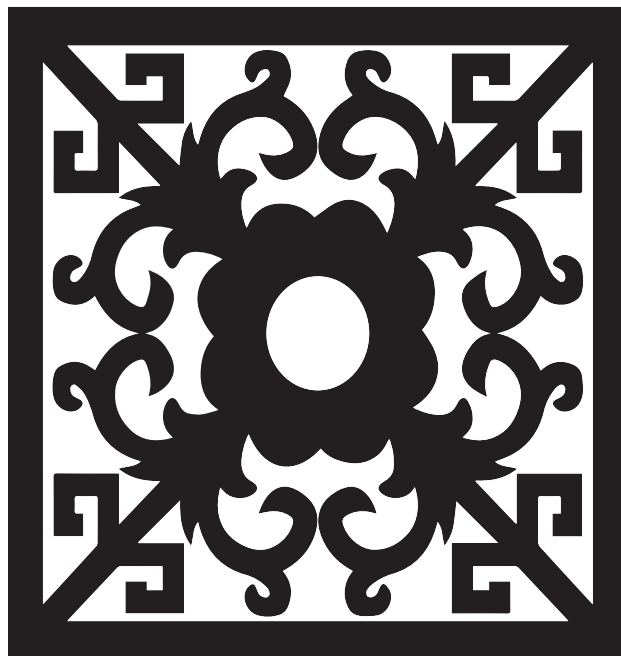


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AG - 025



AG - 026



TECHNICAL SPECIFICATIONS

| S. No. | Tests | Results | Protocol |
|--------|---|--|---|
| 1 | Density, kg/m ³ | 674 | IS:2380 (Part III)-1977 (Reaffirmed 2013) |
| 2 | Moisture Content, % | 0.15 | IS:2380 (Part III)-1977 (Reaffirmed 2013) |
| 3 | Water Absorption, % i) For 2 hrs soaking ii) For 24 hrs soaking | 0.02 0.07 | IS:2380 (Part XVI)-1977 (Reaffirmed 2013) |
| 4 | Mass Swelling, % (For 2 hrs) | 0.02 | IS:2380 (Part XVII)-1977 (Reaffirmed 2013) |
| 5 | Tensile Strength, MPa (Parallel to surface) | 20.2 | IS:2380 (Part VI)-1977 (Reaffirmed 2013) |
| 6 | Screw Withdrawl Strength, N a) Face b) Edge | 1605 1306 | IS:2380 (Part XIV)-1977 (Reaffirmed 2013) |
| 7 | Nail Withdrawl Strength, N a) Face b) Edge | 587 426 | IS:2380 (Part XIV)-1977 (Reaffirmed 2013) |
| 8 | Vicat Softening Point °C | 74 | ASTM D 1525-08 |
| 9 | Fire Retardancy | The specimen does not burn after application of test flame | ASTM D 635-14 |
| 10 | Heavy Metal Content, a) Lead (Pb), ppm b) Tin (Sn), ppm c) Cadmium (Cd), ppm d) Mercury (Hg), ppm | 1.4 112 Below dection limit Below dection limit | Acid digestion followed by ICP-MS & ICP OES |

Above results are from Shriram Institute for Industrial Research, Delhi of our Amulya “ELITE” Grade Lead Free PVC Foam Board.