

**PRODUCT
PORTFOLIO**

www.stylam.com



SPECIALITY LAMINATES

**MAGNETIC
LAMINATE**

**MIRROR
LAMINATE**

**METALLIC
LAMINATE**



MAGNETIC LAMINATE



Philosophically, when you see something exciting, pleasant and wonderful, you tend to come closer. Taking this to the world of laminates, here you have magnetic laminates.

Magnetic Collection, from the house of Stylam, is the high-tech hybrid of industrial flair and sophisticated design. Widely used for vertical applications and as an accent to countertops, the Decorative Metals line is surprisingly adaptable and a virtually unbreakable addition to any commercial project.

We have a full line of Decorative Metal Laminate Sheets ideal for light-duty horizontal or vertical applications such as signage, displays, furniture and fixtures.

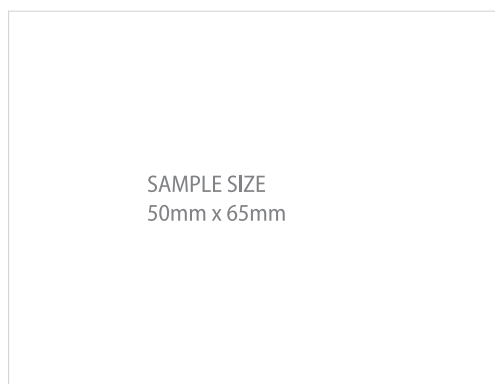
Magnetic Laminates have a strong magnetic effect and can be written on with chalks or special board markers ideal for a wide variety of applications in environments such as retail, education, commercial and residential.

Magnetic Laminate is a special type of Laminate that can use magnet to stick the paper or picture directly to the laminate.

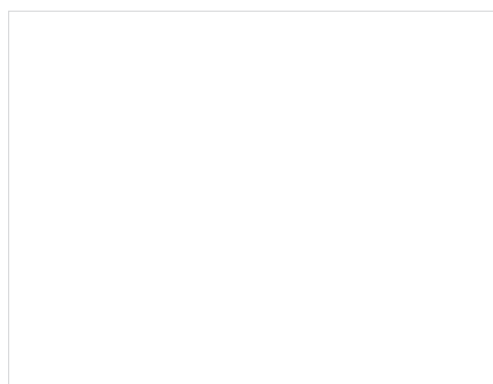
Available size: **1220 x 2440 mm**

Available thickness: **1mm & above**





Off White 1020 M/GL



White Shining 1060 M/AFP



Green Chalk Grade 199 M/TX



Black Chalk Grade 142 M/TX



We would be pleased to make Magnetic Laminate available to you in any SOLID COLOR, depending upon the quantity ordered.

APPLICATIONS

GLOSSY WHITE

whiteboards, meeting room, writeable walls, classroom walls for displaying drawings, pictures and/ or writing on the wall, residential applications for writeable splash backs, such as laundries.

MATT BOARD

chalkboards, teaching environments, children's bedroom wall surfaces or feature panels, kitchen door panel surfaces or splash backs where lists and notes can be kept.



MIRROR LAMINATE

Sometimes you need to see beyond the obvious. Something unconventional, something unbelievable. Here is what can make you see more, believe more.

Stylam has come up with an interesting type of laminate that can add immense value to the interiors, especially the modern ones. The mirror laminates. They are manufactured using real Aluminum, Stainless Steel and Copper foils bonded to a backing of Phenolic, resin impregnated Kraft paper giving a durable, semi rigid sheet for easy fabrication and handling.

Mirror laminates are considered ideal for adding flair to light duty horizontal or vertical applications: walls, furniture, retail fixtures, signage, exhibits and displays. Taking the type of materials go behind the making of the laminates, it is understood that they would be durable, wear resistant and fire resistant.

Available size: **1220 x 3050 mm**

Available thickness: **1mm & above**



APPLICATIONS

- Hospitality industry
- Kids activity areas
- Interior/architect apecific areas
- Healthcare
- Retail displays
- Furniture designs



Silver 9651 MR

Mirror



Gold 9652 MR

Mirror



Copper 9653 MR

Mirror



Gunmetal 9654 MR

Mirror

METALLIC LAMINATE

Combining the durability of metal with the versatility of laminates, Stylam presents High Pressure Metallic Laminates designed for vertical interior or ceiling applications where a special accent is required or a special mood is desired. Metallic laminates are manufactured by pressing metallic foils along with kraft paper core sheets impregnated with phenolic resin. An assembly of these papers is then placed in a press and bonded under heat and pressure into a thermosetting plastic sheet. Finished sheets are trimmed and the backs sanded to facilitate bonding.

Stylam Metal Foil Laminates are durable & strong to give your interiors varying levels of depth. Recommended for use only on vertical surfaces of your interiors. When used on any horizontal surface, they should be protected under glass or other equivalent materials.

It doesn't allow dust particles to accumulate on surface, resulting in a clean and healthy place.



Available size:

1220 x 2440 mm

1220 x 3050 mm

Available thickness:

0.8 mm & above

APPLICATIONS

- **Hospitality Sector**
- **Gaming & Entertainment Industry**
- **Interior & Set designing**
- **Retail Segment**
- **Signage & display**
- **Cruise and furniture industry**



METALLIC LAMINATE



Silver 9663 MT

Metallic



Gold 9667 MT

Metallic



Copper 9665 MT

Metallic



Gunmetal 9664 MT

Metallic

Recommended for use only on vertical surfaces of your interiors. When used on any horizontal surface, they should be protected under glass or other equivalent materials.



Rustic 9666 MT

Metallic

TECHNICAL PROPERTIES

High Pressure Laminates (HPL) as per EN 438-2 & 3 : 2016, are available in the standard HGS/VGS range.

SL. NO.	PROPERTIES	TEST METHOD	ATTRIBUTES OF PERFORMANCE	UNIT OF MEASUREMENT	RESULTS (AS PER EN 438-2 & 3)
			EN-438 Laminate Classification		HGS / VGS
1	SURFACE QUALITY				
1.1	Surface quality	EN 438-2:2016 (Clause-4)	Spots, dirt and similar surface defects	mm²/m²	≤ 1
			Fibres, hairs and scratches	mm/m²	≤ 10
2	DIMENSIONAL PROPERTIES				
2.1	Thickness	EN 438-2:2016 (Clause-5)	Thickness tolerance	mm	0.5≤T<1 : ±0,1
				mm	1≤T<2 : ±1,5
2.2	Size	EN 438-2:2016 (Clause-6)	Length and width	mm	+ 10 / - 0
2.3	Straightness of edges	EN 438-2:2016 (Clause-7)	Straightness of edges	mm/m	≤ 1,5
2.4	Squareness	EN 438-2:2016 (Clause-8)	Squareness	mm/m	≤ 1,5
2.5	Flatness	EN 438-2:2016 (Clause-9)	Flatness (measured on full-size sheet)	mm/m	60
3	PHYSICAL PROPERTIES				
3.1	Resistance to surface wear	EN 438-2:2016 (Clause-10)	Wear Resistance - Initial Point	Revolutions	≥ 150(HGS) / ≥ 50(VGS)
3.2	Resistance to immersion in boiling water	EN 438-2:2016 (Clause-12)	Appearance - Gloss Finish	Rating	≥ 3
			Appearance - Other Finishes	Rating	≥ 4
3.3	Resistance to water vapour	EN 438-2:2016 (Clause-14)	Appearance - Gloss Finish	Rating	≥ 3
			Appearance - Other Finishes	Rating	≥ 4
3.4	Resistance to dry heat (180°C)	EN 438-2:2016 (Clause-16)	Appearance - Gloss Finish	Rating	≥ 3
			Appearance - Other Finishes	Rating	≥ 4
3.5	Dimensional stability at elevated temperatures	EN 438-2:2016 (Clause-17)	Cumulative dimensional change	Longitudinal %	≤ 0,55(HGS) / ≥ 0,75(VGS)
				Transversal %	≤ 1,05(HGS) / ≥ 1.25(VGS)
3.6	Resistance to Wet Heat	EN 438-2:2016 (Clause-18)	Appearance - Gloss Finish	Rating	≥ 3
			Appearance - Other Finishes	Rating	≥ 4
3.7	Resistance to impact with Small diameter ball	EN 438-2:2016 (Clause-20)	Spring Force	N	≥ 25 (HGS) / ≥ 15 (VGS)
3.8	Resistance to cracking under stress	EN 438-2:2016 (Clause-23)	Appearance	Rating	≥4
3.9	Resistance to scratching	EN 438-2:2016 (Clause-25)	Appearance - Smooth Finishes	Rating	≥ 2 (HGS) / ≥1 (VGS)
			Appearance - Textured Finishes	Rating	≥ 3 (HGS) / ≥ 2 (VGS)
3.10	Resistance to staining	EN 438-2:2016 (Clause-26)	Appearance - Group 1 & 2	Rating	≥ 5
			Appearance - Group 3	Rating	≥ 4
3.11	Light fastness (Xenon arc)	EN 438-2:2016 (Clause-27)	Contrast	Grey scale rating	4 to 5
3.12	Density	EN ISO 1183-1	Density	gm/cm³	≥ 1,35

Disclaimer : This Product Technical Sheet gives technical information relevant to the performance of product as tested by STYLAM and External certified testing agencies. STYLAM reserves the right to change product composition and characteristics at any time.

CERTIFICATIONS



CARE & MAINTENANCE

Stylam's MAGNETIC & MIRROR Laminates can be cleaned with non-abrasive or non-harsh alkaline cleaning agents. Do not use abrasive scourers and cleaners, even those in liquid form, as these may permanently reduce the stain resistance of the surface. These laminates should only be cleaned using a soft, moist cloth or moist chamois and then dried with a soft dry cloth. Before the first use, peel off the protective plastic film and clean the surface to remove any adhesive residue.

Gloss finish Laminate surface:

Suitable for marking with whiteboard markers (not permanent markers). Once dry, these markings can be wiped off using a soft dry board eraser or soft cloth, such as a microfiber cloth. (There is no guarantee that Stylam Magnetic Laminates can always be cleaned so that they are completely free of residue or markings, because the use and quality of marker pen is beyond our control. Please check the recommendations by the manufacturers of the marker pen before use.)

Matt finish Laminate surface:

Suitable for use with marking chalk or liquid chalks. Use a soft dry board eraser or soft cloth to wipe dry board. Due to the matt nature of the surface it cannot always be wiped completely clean in the dry condition. For complete cleaning use a soft moist cloth.

STORAGE: Stylam Magnetic Laminates must be stored in an area closed off from external conditions, kept dry at room temperature and with a relative humidity around 50–60%. Sheets must be stored horizontally and well supported with evenly spaced supports, at a distance of at least 200mm from the floor.

Protect the stored sheets from:

- moisture or water
- exposure to direct sunlight
- hot air currents
- direct exposure to heat, e.g. light bulbs or other heat sources.

The surface temperature of the laminate sheet should not exceed 70°C



STYLAM INDUSTRIES LIMITED

CORPORATE OFFICE

S.C.O. 14, Sector 7-C,
Madhya Marg, Chandigarh (UT)
INDIA – 160019

T: +91-172-502 1666

F: +91-172-502 1495

E: info@stylam.com

www.stylam.com