

Compact Laminates Series

INTRODUCTION

Description:

Associate Laminates' Compact Series is a range of solid and load-bearing laminates. These laminates are manufactured at Associate Décor Limited's state-of-the-art plant by creating a strong and solid core of celluloid fibers that are impregnated with thermo setting resins. These resins are resistant to atmospheric and chemical change, thus giving the laminate sheet superior mechanical properties to impact resistance and making it an ideal choice for a wide range of applications.



HIGHLIGHTS:



USPs:

1. Can be used to substitute the use of a substrate material
2. Resistant to water, moisture, stain, graffiti, bacteria growth, scratch, impact, fire, cigarette burns and color change
3. Provides good dimensional stability, flatness and self-supporting function
4. Resistant to frost and heat
5. Non-corrosive and permanent
6. Easy to clean
7. Physiologically safe
8. Meets stringent hygiene requirements, surface edges can be disinfected
9. Resistance against organic solvents
10. Low electrostatic charge-up
11. Easy installation, space saving and easy to process
12. Low smoke emission

Application:

1. Horizontal
2. Vertical

Can be used for:

- | | | | |
|--|--------------------------|------------------------------|----------------------------|
| 1. Kitchen-tops | 2. Doors | 3. Furniture | 4. Partitions |
| 5. Cubicles | 6. Paneling | 7. Floor and Wall decoration | 8. Transportation vehicles |
| 9. Office | 10. Laboratory worktops | 11. Various counter-tops | 12. Interior decorations |
| 13. Protective screen against damp, frost rain, sunlight and termites* | 14. Railway compartments | 15. Switchboards | 16. Washroom partitions |
| 17. Washroom lockers and strips for decorative purposes | | | |

* For areas with higher cleaning and hygiene requirements. Well suited for wet area applications such as shower cubicles or swimming pool lockers, but are not recommended for applications involving long term immersion.

TECH SPECIFICATIONS AND AVAILABILITY

Size	Thickness				Textures			
	0.6MM	0.8MM	1.0 MM	1.2 MM	ST 01 (Suede)	ST 02 (Matt)	ST 03 (Silk)	ST 06 (Mirror Shine)
8x4			✓	✓	✓	✓	✓	✓

CARE & MAINTENANCE

Storage:

Handling: The Compact Series of laminates by Associate is a heavy product of high density. Care must be taken during transport, to support and protect the complete sheet area. It is recommended to use strong and stable pallets that can take the load of this product without bending.

The surface of each sheet must be cleaned and maintained to keep it free from sand, dust, debris, grit or foreign bodies that can cause damage to the laminate surface. Care must be taken so as to not push or drag sheets over one another while loading or unloading. The product must be lifted cleanly by hand or by using a suction device. Stacked sheets must be stored securely to avoid slipping.

In conditions of humidity, Compact Grade laminates undergo a certain amount of dimensional movement and there is an impending risk of bowing. The following steps could be taken to avoid these issues:

The sheets must be stored in enclosed warehouses where normal interior conditions (18°C - 25°C and 50% - 60% relative humidity) are constantly regulated and maintained. The sheets will remain flat if stored horizontally in packs on a base that is flat heavy board or slab. The base slab or board must be dry, and should ideally be covered with a material that is not affected by moisture and is impervious to water. The top sheet of each stack must be covered with a moisture resistant cover or board that is adequately heavy to remain flat and adequately large to cover the whole surface area of the top sheet. This process is to be followed throughout the complete duration of storage (whether in a warehouse or on the fabrication shop floor) and must be executed again from the first step whenever a sheet is removed from the stack. Failing to store these sheets in a completely flat manner for even a short duration of time causes deformation that is almost impossible to rectify, particularly with thicker boards. If protective films are provided these should be removed from both sides of the board simultaneously.



Cleaning:

As these sheets do not suffer from corrosion and oxidation, no further surface protection and no maintenance apart from basic cleaning is needed.