

# LAMIGUARD

by **formite**

Lamiguard Antimicrobial Laminates,  
Germ free surfaces



# INTRODUCING LAMIGUARD

High-Performance Laminate for Diverse Applications

Presenting Formite's® Antimicrobial Laminate Collection **"LAMIGUARD"** Designed to safeguard against odor-causing & staining microbes like bacteria viruses & fungi, this collection is ideal for Healthcare, Pharmaceuticals, Education, Beauty Clinics, Cafe/Restaurant's, Commercial Kitchen & Hospitality Sector.



## OUR ANTIMICROBIAL COLOURS



**7010  
OLIVE GREEN**



**7015  
PLATINUM GRAY**



**7021  
OCEAN BLUE**



**7023  
SKY BLUE**



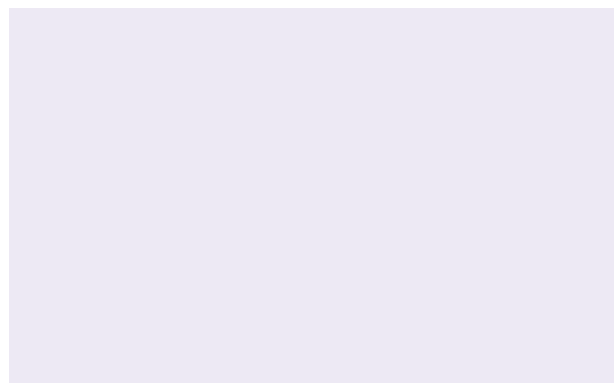
**7047  
MUSTARD YELLOW**



**7073  
SUNSET ORANGE**



**7056  
DOVE GREY**



**7600  
WHITE CHALK**

Thickness: 2mm & 2.5mm  
Sheet Size: 1220mm X 2440mm



## TESTING

Test Name	Standard	Unit	Max. or min. (as per thickness)
Antibacterial properties	JIS Z 2801	% Reduction	> 99.9
Scratch resistance	EN 438-2-25	Degree	3
Density ISO	ISO 1183	g/cm <sup>3</sup>	1.3-1.4
Gloss Level (MD)	NEMA LD 3:2005	Gloss unit (a)	1-20 (Textured finish, low gloss)
Gloss Level (CMD)	NEMA LD 3:2005	Gloss unit (a)	1-20 (Textured finish, low gloss)
Water absorption (24 hours immersion)	BS EN 60893-3-4	mg	Max 500
Resistance to immersion in boiling water (02 hours)	ISO 4586	%	Max 5.8 (Percentage increase in mass)
Resistance to immersion in boiling water (02 hours)	ISO 4586	%	Max 6.5 (Percentage increase in thickness)
Insulation resistance (after immersion in water for 24 hours)	BS 2572	MΩ	01 (for P1)

- a) The gloss level can be dull or gloss as per requirement.
- b) 3 = Continuous scratches at 4N
- c) The test organism is MRSA ATCC 33591



## PRODUCT FEATURES



ANTIBACTERIAL



TERMITE RESISTANT



ANTI-SCRATCH



ANTI-FUNGAL



WATER RESISTANT



LONG LASTING EFFICIENCY

## FREQUENTLY ASKED QUESTIONS

**Q. What certifications or approvals does the antimicrobial product have?**

**A.** Our antimicrobial product has been tested and certified by leading industry organizations for its safety and effectiveness. It meets all relevant standards for antimicrobial performance and environmental safety.

**Q. Is the antimicrobial treatment effective against viruses?**

**A.** While our product is primarily designed to target bacteria and fungi, it also provides some level of protection against certain viruses. However, its effectiveness can vary depending on the type of virus and surface.

**Q. Can the antimicrobial product be used in food preparation areas?**

**A.** Absolutely, Our product is safe for use in kitchens and other food preparation areas. It helps reduce the risk of cross contamination by inhibiting the growth of harmful bacteria on surfaces.

**Q. Does the antimicrobial product resist scratches and wear?**

**A.** Yes, our antimicrobial treatment includes anti scratch properties, making it highly durable and resistant to everyday wear and tear. This ensures that both the appearance and the protective qualities of the surface are maintained over time.

**Q. Can the antimicrobial treatment be used in healthcare settings?**

**A.** Yes, our product is ideal for healthcare environments, including hospitals, clinics, and care homes. It helps reduce the spread of infections by providing continuous antimicrobial protection on frequently touched surfaces.



## ABOUT US

Formite, a distinguished brand under the Balochistan Laminates Division of Thal Limited, has been a pioneer in Pakistan's high pressure laminate manufacturing. As the country's sole exporter of high pressure and compact laminates, Formite offers innovative surface finishing solutions that elevate Residential, Hospitality, & Commercial Spaces to realms of unparalleled elegance. Our commitment to exceptional quality and precise engineering ensures that each product meets the highest standards, providing limitless possibilities in design and functionality.



Formite



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