



www.greenlamclads.com


**MORE
PROTECTION
ON YOUR
WALL**


GREENLAM INTERIOR CLADDING SYSTEM





GLOBAL HEADQUARTERS:

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 [/greenlam01](https://twitter.com/greenlam01)

 [/greenlam_laminates](https://www.instagram.com/greenlam_laminates)

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CLADS
INTERIOR GRADE COMPACT LAMINATES



141 Beige



CLADS
INTERIOR GRADE COMPACT LAMINATES



THE NAME OF TRUST IN SURFACE SOLUTIONS

WELCOME TO A WORLD OF LIFE ENRICHING AND BEAUTIFUL SURFACES.

Every artist needs a canvas. For Greenlam, every home is one. Present across more than 100 countries, Greenlam is India's no. 1, Asia's largest, and among the top 3 surfacing solutions in the world. With two state-of-the-art manufacturing facilities in the country, it is the first choice of home owners, architects, and interior designers when it comes to transforming living spaces. Its vast product offerings include - Laminates, Compacts, Exterior & Interior Clads, Restroom Cubicles & Locker Solutions, Decorative Veneers, and Engineered Wooden Floors and Doors.

PROTECTION FOR WALLS

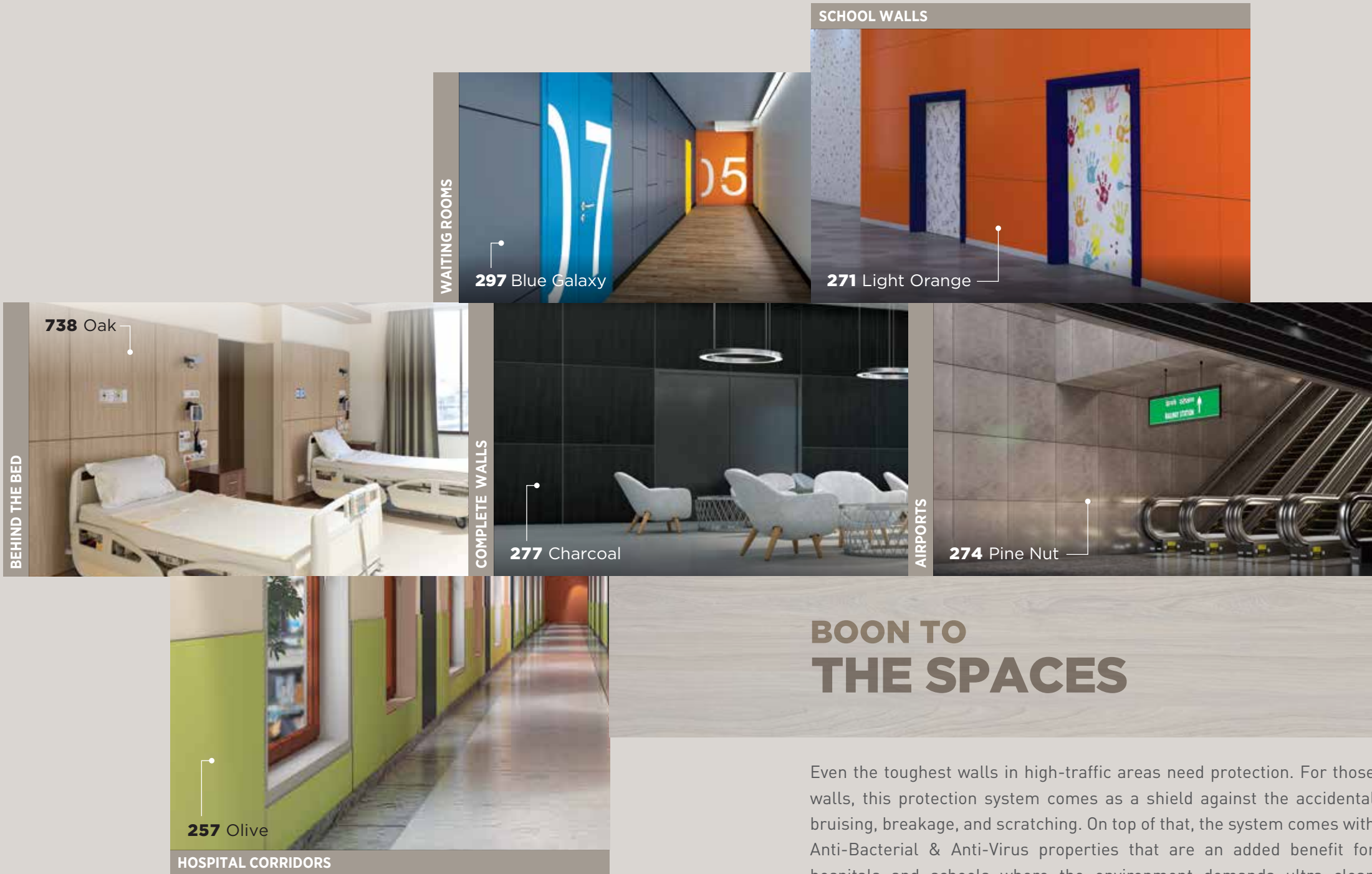
The Greenlam Interior Cladding System offers revolutionary cladding solutions for interior surfacing panels that are designed to withstand harsh conditions with as little maintenance as possible. Greenlam Interior Cladding System has seen immense success in application for areas like Healthcare, Shopping Malls, Airports, Educational Institutions, Commercial Spaces, Metro Stations, Railway Stations, and Hospitality Industry – and the secret lies in the unmatched technology that manufactures Greenlam Clads. They are designed to be fade-resistant, abrasion-resistant, anti-bacterial, weather-proof, and fire-resistant with high impact strength.



275 Pearl Grey



**INNOVATIVE
WALL
PROTECTION
SYSTEM**



BOON TO THE SPACES

Even the toughest walls in high-traffic areas need protection. For those walls, this protection system comes as a shield against the accidental bruising, breakage, and scratching. On top of that, the system comes with Anti-Bacterial & Anti-Virus properties that are an added benefit for hospitals and schools where the environment demands ultra clean interiors. This easy-to-install wall protection system is thus, the need of the hour.

10X

PROTECTION FOR YOUR WALLS

Thickness: 9 mm

Made from solid grade high pressure compact laminates, Clads Internal Wall Cladding panels are the true example of bold and beautiful. Their captivating aesthetics, numerous colour options, rhythms, and depth make these laminates win every heart.

From ease of installation to easy maintenance – our interior clads are planned for perpetuity, as seen with our 10 year warranty to make our systems a sheer winner against every possible challenge.

Along with that, they come with an assurance of being Anti-virus, Anti-bacterial, and Anti-fungal to keep you safe from all four sides.



Water-Resistant



Anti-Virus



Easy Installation



Scratch Resistant



**Easy to Clean/
Low Maintenance**



Solvent Resistant



10 Years Warranty



Abrasion Resistant



Impact Resistant



SYSTEMS DESIGNED TO SUIT ALL YOUR REQUIREMENTS

No matter what your requirement is, we have a wall defence system for all your needs. Greenlam Interior Grade Compact Laminates come with 3 unique systems that can be used in any application space and style that you like.



These are designed to protect different areas of your wall

ALPHA / BETA / ZIGMA



SYSTEMS OF SUPPORT

Greenlam Interior Grade Compact Laminates offer 3 different systems to protect different areas of the walls.

ALPHA

DESIGNED FOR
BEHIND THE BED WALLS



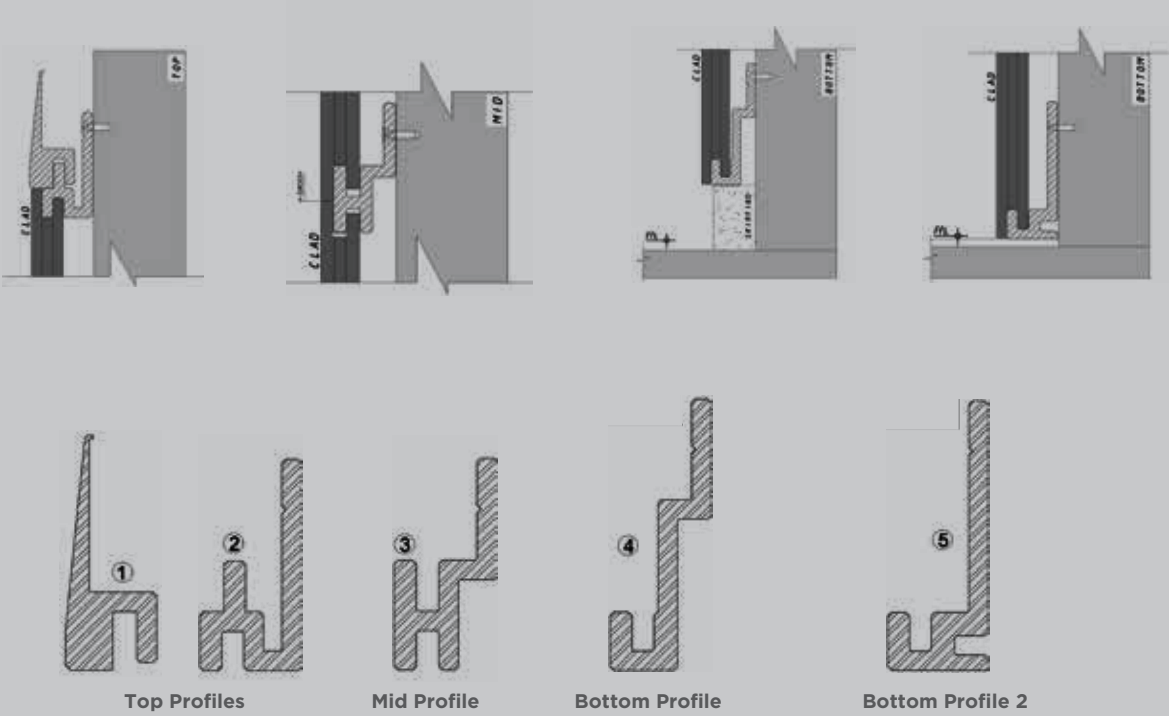
163 Bay

INSTALLATION POSSIBILITES

ALPHA WITHOUT SKIRTING PROFILE

ALPHA is an internal cladding system which ensures the protection of wall along with cleanliness, maintaining hygiene, safety, and giving seamless look to the wall. The specially designed top cover profile 1 is used to merge the cladding with the existing wall above and also to close the gap between them providing flushing detail between the two materials. This system is designed primarily for dry walls. The two bottom profiles 4 & 5 are designed for giving complete floor/wall corner connection detail and also providing closed bottom detail respectively.

Fixing System Details- Top Cover: Profile 1 + Profile 2 | **Mid Junction:** Profile 3
Bottom Cover 1: Profile 4 | **Bottom Cover 2:** Profile 5



Before installing, fix a self adhesive aluminum foil of thickness (50-80 micron) that acts as a moisture barrier.

SYSTEMS OF SUPPORT

BETA
DESIGNED FOR
OPD WALLS

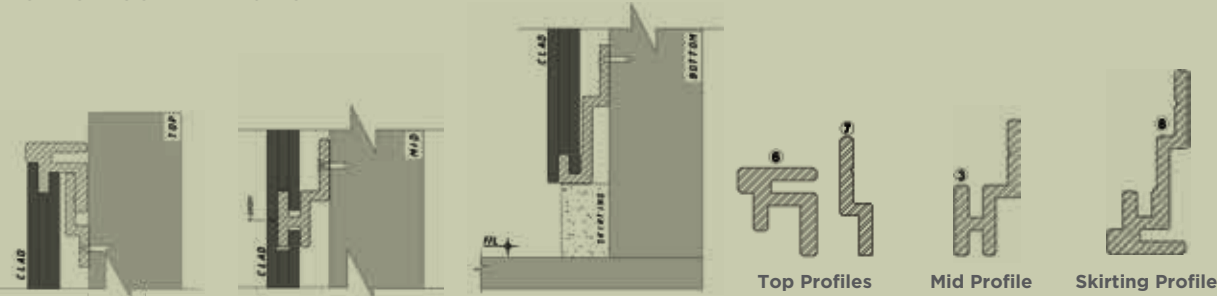


INSTALLATION POSSIBILITES

BETA WITHOUT SKIRTING PROFILE

BETA is an internal cladding system which ensures the protection of wall along with cleanliness, maintaining hygiene, safety, and giving seamless look of the wall. The specially curated top cover profile 6 is used to close the top open end of the cladding system and also holds the top panel providing maximum strength to the paneling system. Primarily it is suggested for Internal & External corners. The bottom profiles 4 is designed such that it can accommodate the open ends of the flexible flooring materials.

Fixing System Details- TOP COVER: Profile 6 + profile 7 | **MID JUNCTION:** Profile 3
BOTTOM COVER: Profile 4

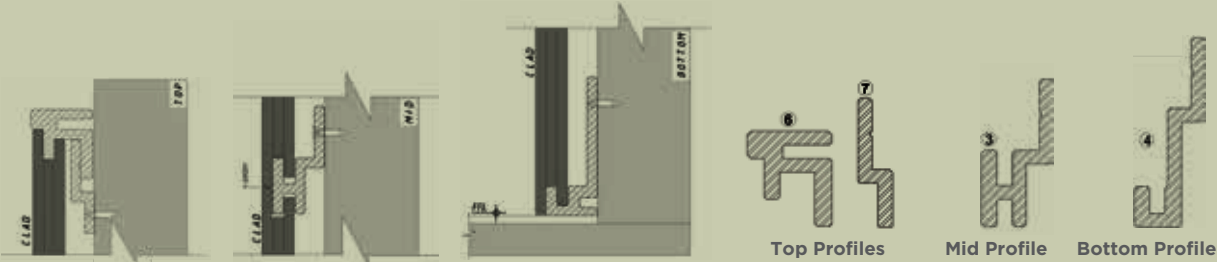


Before installing, fix a self adhesive aluminum foil of thickness (50-80 micron) that acts as a moisture barrier.

BETA WITH SKIRTING PROFILE

BETA is an internal cladding system which ensures the protection of wall along with cleanliness, maintaining hygiene, safety, and giving seamless look of the wall. This system specializes in providing closing detail of the bottom giving minimalistic metal skirting look to the same through profile 8.

Fixing System Details- TOP COVER: Profile 6 + profile 7 | **MID JUNCTION:** Profile 3
BOTTOM COVER: Profile 8



Before installing, fix a self adhesive aluminum foil of thickness (50-80 micron) that acts as a moisture barrier.

SYSTEMS OF SUPPORT

ZIGMA
DESIGNED FOR
CORRIDORS



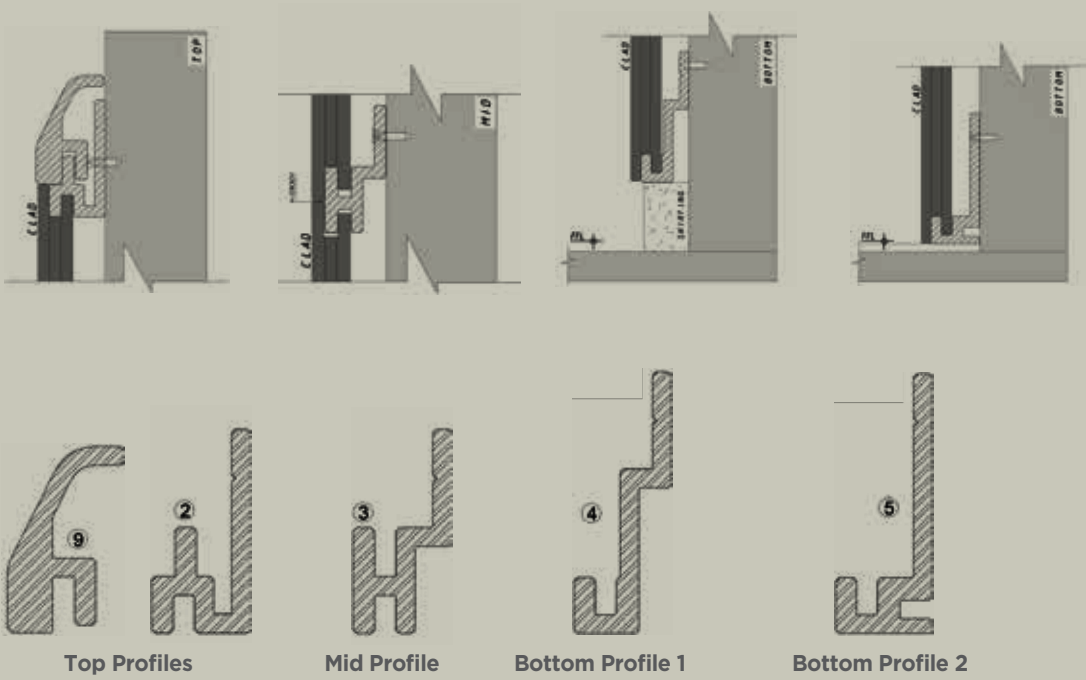
141 Beige / 163 Bay

INSTALLATION POSSIBILITES

ZIGMA WITHOUT SKIRTING PROFILE

ZIGMA is an internal cladding system which is exclusively designed for covering wall between the doors & windows. The top cover profile 9 provides curvaceous detail at the ends giving maximum hold and takes care of alignment of the system. It can also be given on three or even four sides of the wall making it ideal for the same. This system focuses on the protection of wall along with cleanliness, maintaining hygiene and giving seamless look to the same.

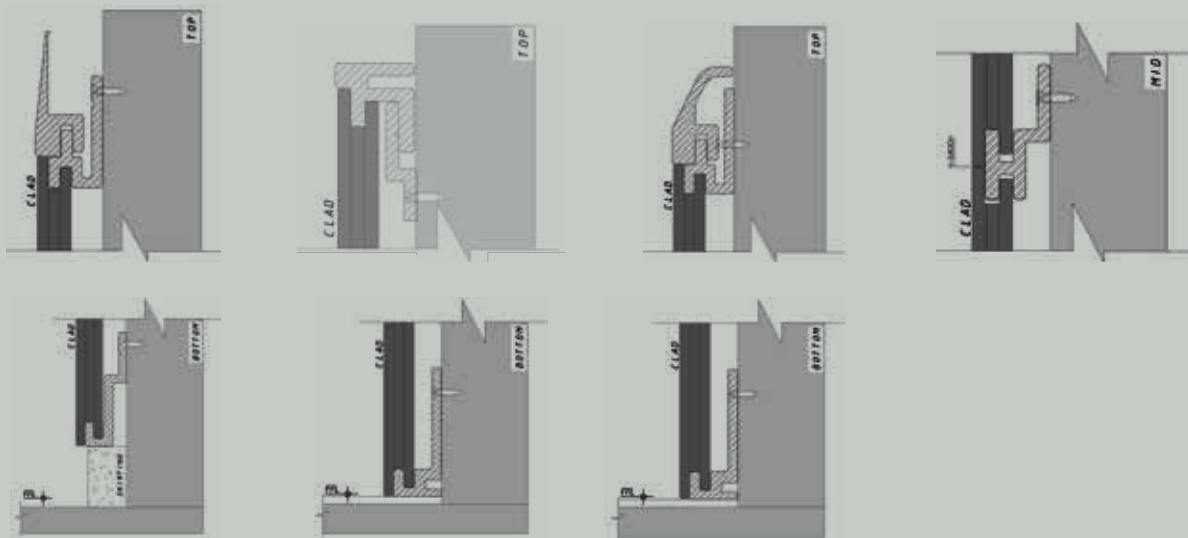
Fixing System Details- Top Cover: Profile 9 + Profile 2 | **Mid Junction:** Profile 3
Bottom Cover 1: Profile 4 | **Bottom Cover 2:** Profile 5



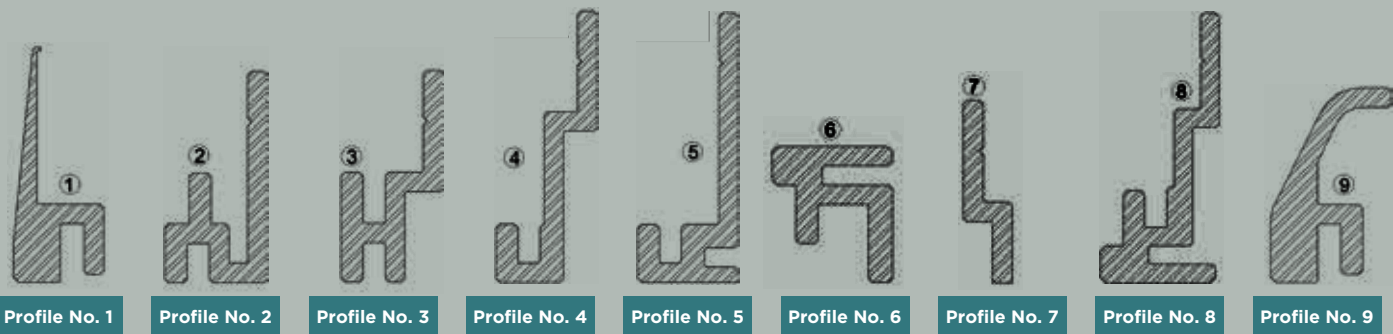
Before installing, fix a self adhesive aluminum foil of thickness (50-80 micron) that acts as a moisture barrier.

PROFILE TYPES

AFX



MID PROFILE (PROFILE-3) is an extrusion which is used as an intermediate connector between the panels of all 3 cladding systems horizontally and vertically as well. The normal width of panels in all the systems is of size 610mm (W) x 915mm (H). Whenever height of the panels exceeds 600mm, then profile Z is used to strengthen the system.





695
Bavarian Beech



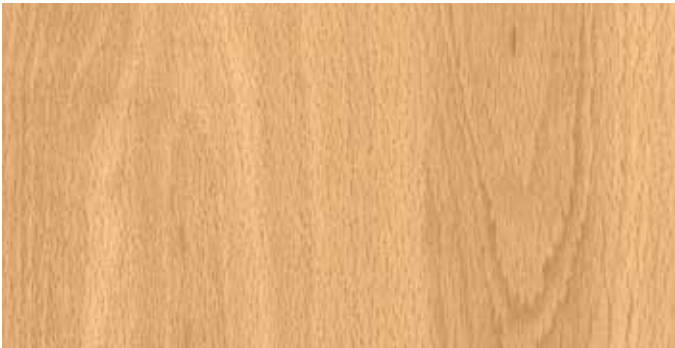
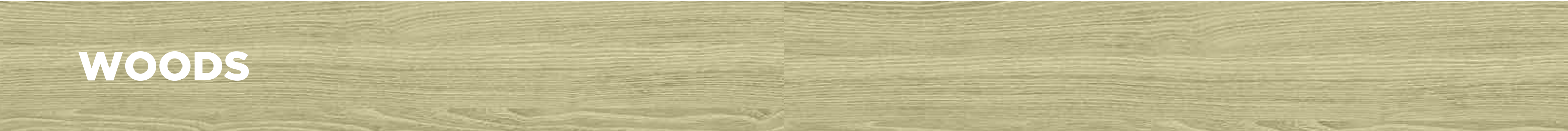
711
Siam Teak



5006
Thansau Maple



5018
Brooks Walnut



719
Mangfall Beech



738
Oak



5049
Red Oak



5076
Primeval Oak



5003
Phillipine Teak



5004
Lorraine Walnut



5331
Midnight Acacia



5338
Steamed Beech



5353
Rosenheim Elm



5416
Glacier Oak



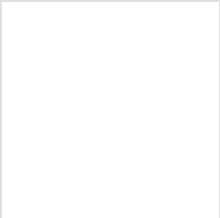
5427
Refresh Oak



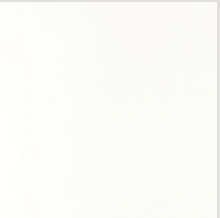
9610
Pure Ash



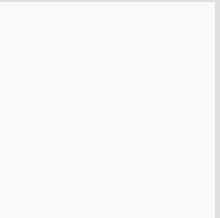
9611
Innate Ash



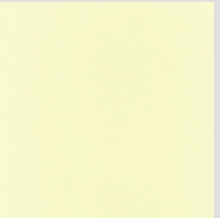
101
White



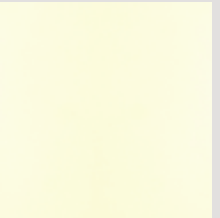
107
Wool



111
Designer White

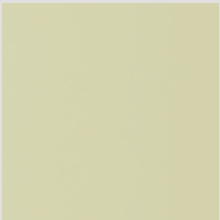


121
Ivory

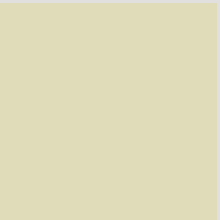


124
Mysore Ivory

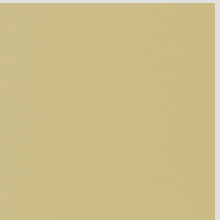
COLOURS



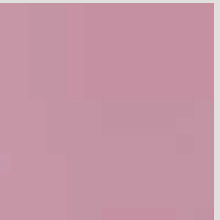
132
Cyclone



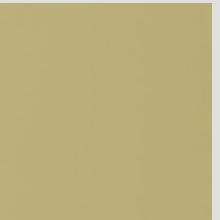
133
Moon Stone



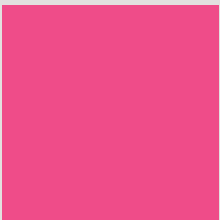
141
Beige



161
Hot Pink



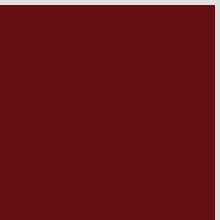
163
Bay



173
Barbie Pink



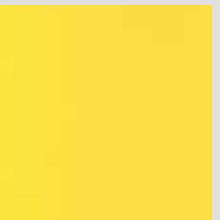
181
Chocolate



201
Maroon



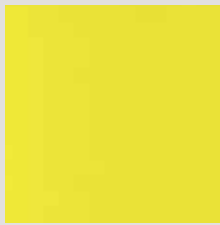
204
Red Dynasty



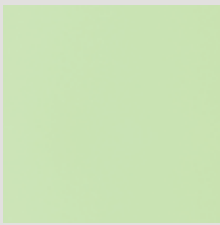
207
Divine Yellow



217
Light Orange



229
Yellow



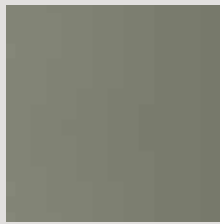
247
Dutch Green



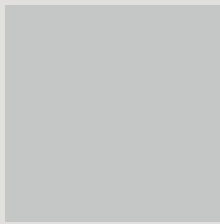
257
Olive



259
Lime



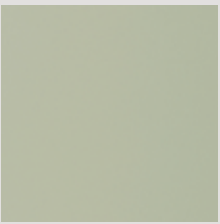
261
Dark Grey



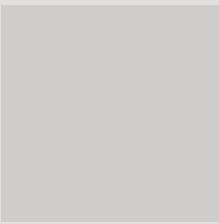
262
Grey



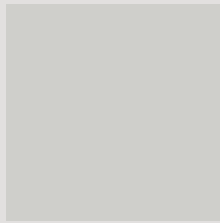
266
Ash Grey



268
Dust



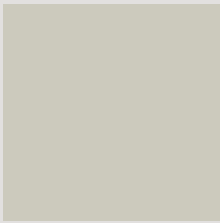
270
Silver Grey



271
Light Grey



274
Pine Nut



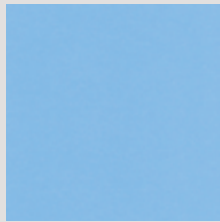
275
Pearl Grey



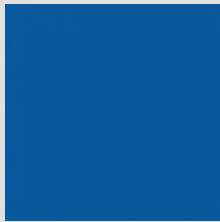
277
Charcoal



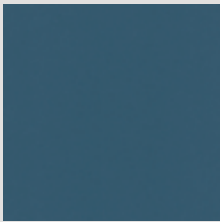
280
Blue



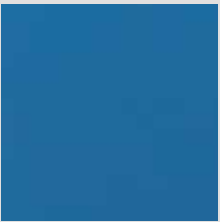
284
Ozone



291
Electric Blue



297
Blue Galaxy



304
Blue Bell



401
Black

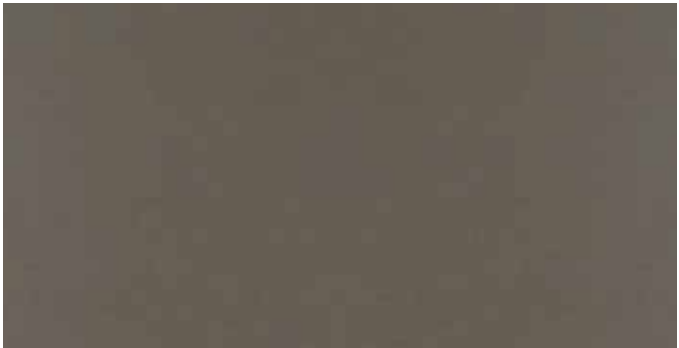


923
Meta Silver

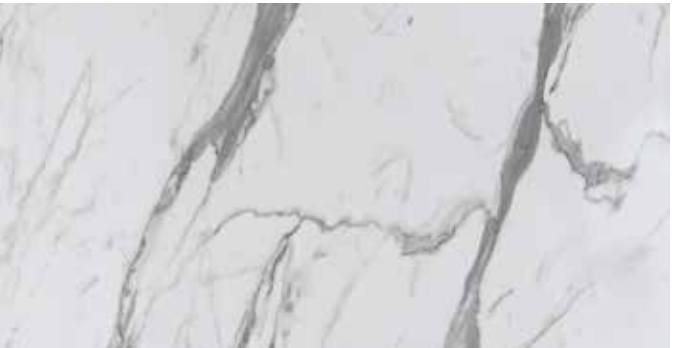


5566
Clear Mesh

PATTERNS



5568
Smoky Mesh



5574
Statuario



5575
Black Marmor

FINISHES

ALL COLOURS - AVAILABLE IN SUEDE / GLOSS
ALL WOODS AND PATTERNS - AVAILABLE IN SUEDE / GLOSS / VRB & SATIN

TECHNICAL
SPECIFICATION

Greenlam Interior Cladding Grade Compact Laminate - CGS-9.00mm

S.No.	Performances Properties	Ref. Clause as per EN 438-2 & 4 :2016	Unit	Specified values as per EN 438- 4 :2016	Greenlam Interior Clads' values
1	Thickness	EN 438-2: 5	mm	9.0 ± 0.50	8.75 to 9.10
2	Flatness of Panel	EN 438-2 : 9	mm/M	max 5.0mm/ M	Complies
3	Length & Width of Panel	EN 438-2 : 6	mm	+10 mm/-Nil	+5 mm/-Nil
4	Straightness of Edges	EN 438-2 : 7	mm/M	1.50 Max deviation	1.00 Max. deviation
5	Squareness	EN 438-2 : 8	mm/M	1.50 Max deviation	1.00 Max. deviation
6	Resistance to surface wear	EN 438-2 : 10	Revolutions IP	150 minimum	Complies
7	Resistance to immersion in boiling water	EN 438-2 : 12			
	Mass Increase		%	2.0 maximum	Complies
	Thickness Increase		%	2.0 maximum	Complies
	Surface Rating		Rating	4, Suede Finish	Complies
	Edge Rating		Rating	3, Suede Finish	Complies
8	Resistance to impact by large diameter ball	EN 438-2 - 21	mm	1800 (Drop Height)	2000 (Drop Height)
9	Resistance to water vapor	EN 438-2 : 14	Rating	4, Suede Finish	Complies
10	Resistance to dry heat (160°C)	EN 438-2 : 16	Rating	4, Suede Finish	Complies
11	Resistance to wet heat (100°C)	EN 438-2 : 18	Rating	4, Suede Finish	Complies
12	Resistance to crazing	EN 438-2 : 24	Grade	4, Suede Finish	Complies
13	Dimensional Stability at Elevated Temperature	EN 438-2 : 17			
	Longitudinal		%	0.30(max.)	0.20 max.
	Transverse		%	0.60 (max)	0.49 max.
14	Resistance to Scratching	EN 438-2 ; 25	Rating	3, Suede Finish	Complies
15	Resistance to Crazing	EN 438-2 ; 24	Rating	3, Suede Finish	Complies
16	Resistance to Staining	EN 438-2 ; 26	Rating	5	Complies
	Group 1 &t 2		Rating	4	Complies
	Group 3				
17	Flexural Modulus	EN ISO 178:2003	Mpa	9000 (min.)	9600
18	Flexural Strength	EN ISO 178:2003	Mpa	80 (min.)	95
19	Density	EN ISO 1183	g/cm3 (min)	1.35 (min.)	1.40 ± 0.05
		-1:2004			

LIGHT FASTNESS					
1		Contrast EN 438-2 ; 27	Grey Scale Rating	4 to 5	Complies

FIRE PERFORMANCE					
S.No.	Performance Property	Test Standard	Unit	Performance Levels	Greenlam Interior Clads' values
1		Classification standards EN 13501-1 : 2007 Tested according to EN 13823:2010 & EN 11925-2 :2010	Euro class	Classification t≥ 6mm	D-S2, d0 CGS B-S1, d0 CGF*

*Fire retardant variant

Gold standards for chemical emissions		Unit	Specified values as per UL 2818-2013	Greenlam Interior Clads' values
1	TVOC	mg/M3	0.22 Maximum	Meets
2	Formaldehyde	µg/M3	9 Maximum	Meets
3	Total Aldehydes	ppm	0.043	Meets

Resistance to fixing	Unit	Specified values as per ISO13894-1:2000 TM 15	Greenlam Interior Clads' values
Screw Holding Capacity	N	3000	Meets

Thermal Resistance property	Unit	Test method as specified in EN 12524, EN 12664	Greenlam Interior Clads' values
Thermal Conductivity	W/m ° K		0.24

Biochemical Property	Unit	Test Method	Specified value	Greenlam Interior Clads' values
Anti-Viral Efficacy & activity		ISO 21702-2019		
% Reduction in 24 hours	%		95% (min.)	99.9% (min.)
Activity after 24 hours	Log Reduction		2.0 (min.)	Exceeds
Anti-bacterial Efficacy & activity		JIS 2801-2012		
% Reduction in 24 hours	%		95.0 (min)	99.99
Activity after 24 hours	Log Reduction		2.0 (min)	Exceeds
Anti-Fungus Efficacy		ASTM G-21-2015		
Growth after 28 days	Rating		1	0 { No Growth}

- Virus Tested:

MS2 Bacteriophage
- Bacteria Tested:

1. Pseudomonas Aeruginosa, 2. Enterococcus Faecalis, 3. Candida Albicans, 4. Pseudomonas Aeruginosa, 5. Escherichia Coli, 6. Klebsiella Pneumoniae, 7. MRSA (Methicillin Resistant Staphylococcus Aureus), 8. Salmonella Enterica
- Fungus Tested :

1. Aspergillus niger, 2. Penicillium funicolosum, 3. Gliocladium virens, 4. Chaetobium globosum 5. Aurobasidium pullulans

OUR COMMITMENT TO
PRODUCT CREDENTIALS



Safe and Healthy Living

The entire range is manufactured with Safeguard Plus™ Technology, a revolutionary development that retards viruses, bacteria, and fungi. This means our products are ideal for environments that range from laboratories and kindergartens to offices and domestic environments.



GREENGUARD Certification

GREENLAM laminates are classified under the Low Emitting Product category when measured for potentially harmful emissions. This is an assurance that our products are ideal for use in interior environments where air quality is vitally important.



GREENGUARD Gold Certification

This certification, with a stricter criteria, means that **GREENLAM** products are suitable for use in environments where children spend significant periods of time, including schools, daycares and healthcare facilities.



GREENLAM products have been awarded CE certification which is given to those manufacturers who declare that the product complies with the essential requirements of the relevant European health, safety, and environmental protection legislation, in practice by many Product Directives. CE Marking on a product indicates to governmental officials that the product may be legally placed on the market in their country.



All **GREENLAM** Laminates are certified by prestigious American body NSF International, making them the safest laminates for human health, our surfaces can be used in situations where they will have direct contact with food. Our surfaces have also been tested in accordance with EC directive 1935 with regards to food safety. Our products were proved fully compliant through testing to the demanding EU Food Commission Regulation 10/2011 with successful testing to BSEN 1186-1:2002, BSEN 1186-3:2002 & BSEN 1186-14:2002.



The FSC®certification is considered the "gold standard" designation for wood harvested from forests that are responsibly managed, socially beneficial, environmentally conscious and economically viable. If a product, like a peace of tropical hardwood furniture, is labeled as "FSC® Certified", it means that the wood used in the piece and manufacturer that made it met the requirements of the Forest Stewardship Council®. In our case, we can provide FSC® grade laminate for any project which wants to earn LEED points for Green building certifications.

NOTES

INTERIOR CLADDING-BOQ

The product is 9mm thick and conforms to EN 438-4 standards. Scope of work involves dimensional assessment of site and necessary grooving on all sides of the product to be fixed with standard aluminium profiles. On top of self-adhesive aluminium foils as per manufacturers' specifications, that are of different variants provided to suit functional and application requirements.

Thickness of Compact Laminate	: 9mm
Colour of HPL Boards	: From Greenlam approved ranges
Size of Board	: 1220mm (W) x 2440mm (H) / 600mm (W) x 900mm (H)
Profile Details	: As given in Greenlam Brochure from 1 to 9 to be used as per application
Overall Height of Wall	: As per site conditions (Excluding bottom gap of 100 mm)
Accessories	: Standard - Greenlam makes aluminium anodized support profiles a) Self-adhesive aluminum foil with minimum thickness of 50 micron b) Plastic Spacer disc - 2mm c) Plastic Wall Plugs - 8mm x 51mm d) Counter Sunk Screw (4.8mm x 32mm) with spacer



Scan to download
the E-Catalogue

BRANCH OFFICE:

AGRA	7607000996		JAIPUR	9818040684	0141-2333747
AHMEDABAD	9909983383		KOCHI	9746474575	0484-253159
BANGALORE	6366892055		KOLKATA	9007011903	
BHUBANESHWAR	9777454083		LUCKNOW	7521000128	0522-4000475
CHANDIGARH	9779450510	0172-62512583	MUMBAI	9136102399	
CHENNAI	6381815215	044-42822672	MADURAI	9500099471	
COIMBATORE	9003917470	0422-4370407	NAGPUR	9158886981	
DELHI/NCR	9650101768		PATNA	9771404756	0612-6450235
GHAZIABAD	9650627111		PUNE	9730084501	020-26169307
GUWAHATI	8134944778	0361-2733306	HISAR	9996235599	
HYDERABAD	9985711880	040-24801429	RAIPUR	7566661395	
INDORE	7566661395	0731-42061538	RANCHI	9031002133	
			VIJAYAWADA	9949818673	0866-2523135

GREENLAM EXPERIENCE CENTER

25/B, Shop No. E & F Mirza Ghalib Road, Park Street. Opposite Westside Mall, Kolkata – 700016.
Mob: +91-98303-18020; +91 62921-26662 | E-mail: experiencecenter.kolkata@greenlam.com