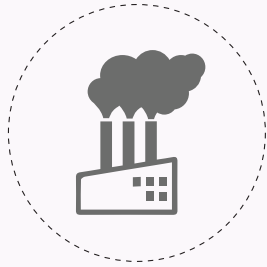
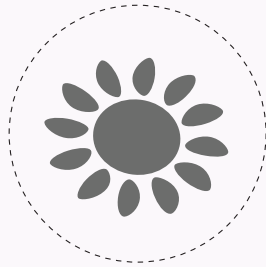




ECONOMY ♦ EXCELLENCE ♦ ETHICS



MERINO ARMOUR™

EXTERNAL CLADDING

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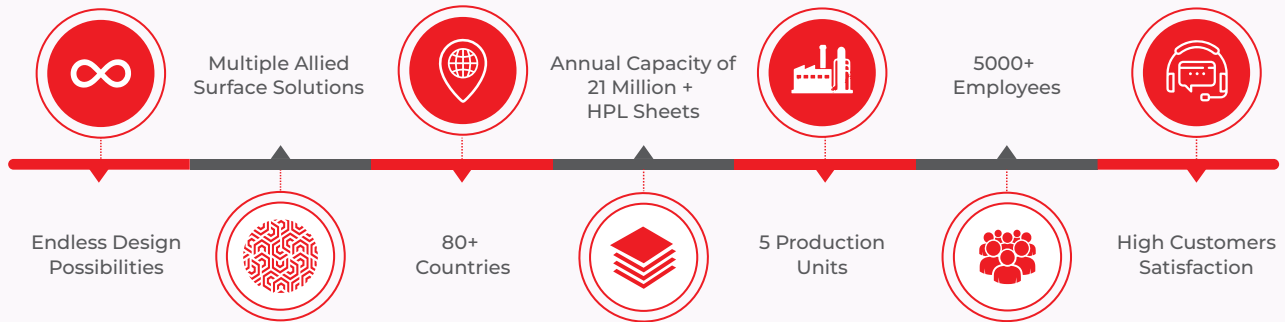
Patterns

Instalation Schematics

ABOUT MERINO

Welcome to the home of Laminates, welcome to Merino. From a humble beginning in 1967 to the launch of plywood and laminates and subsequently furniture solutions, the Merino Group has come a long way. Today, the group is one of world's largest manufacturers of decorative surfaces introducing new products, categories and businesses based on market demand with top-of-the-line raw materials, integrating state of the art production and technology. The Group has diverse business interests that expand from Interior and Architectural products to Information Technology to Food & Agro products. With its presence in over 80 countries that span across the 6 continents, The Merino Group has an annual turnover of over 245 Million USD.

Driven by the inherent value of constant innovation, Merino offers a diverse bouquet of multiple surfaces with infinite design possibilities that showcases its world class manufacturing prowess. The ever growing network of stakeholders corroborates the group's eminence and indicates a promising future for years to come.



CERTIFICATES AND ACCREDITATIONS

At Merino, we strive to set higher benchmarks that allow us a global competitive advantage. Right from uncompromising safety standards, sustainable production and manufacturing processes to innovation centric research & development, we ensure a consistent range of superior quality products that comply with international certifications and accreditations.



* Products are available as FSC™ certified upon request
NSF International has certified Merino Industries Limited Hapur for Work Surface in CGS and HGS grade. For further product listing information visit www.nsf.org/certified-products-systems.

*Illustrating
new trends for Exteriors...*





MERINO ARMOUR™

EXTERNAL CLADDING

Merino embodies trust and perfection in its own world of innovative deliverables. Years of hard work, dedication and competence have been invested to achieve this remarkable status quo. 'Armour' is an all-new physical manifestation of our consistent commitment to come up with an ideal solution to all architectural challenges. The extensive range of External Wall Claddings blends strength and beauty to perfection. And that's not all, these come with an uncompromising durability, steady protection and timeless aesthetics like none other – thus strongly withstanding all extremities of the varied global weather conditions. Armour epitomizes a weather resistant envelope to enhance the lifespan of your building as it can endure all weather fluctuations like intense heat, heavy showers, chilly winters.

TECHNOLOGY THAT STANDS APART

MERINO ARMOUR TECHNOLOGY

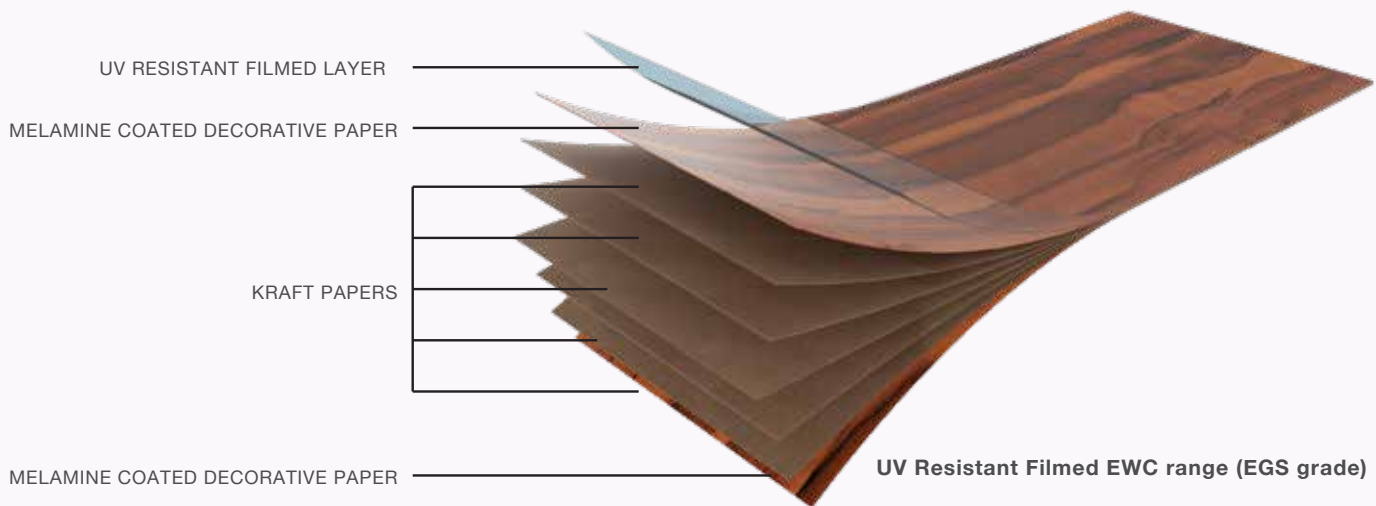
Merino Armour External Wall Cladding epitomizes beauty and toughness, ensuring supreme aesthetics and durability at the same time. We have engineered the armour range with a special technology which makes exteriors endurable to the core and helps it withstand the impact of erratic weather conditions.

Type	Technology	Usage	Grade	Artificial Weathering properties	Resistance to UV lights
EDS	Film Based	Heavy Purpose	Superior	High	High
EGS	Film Based	General Purpose	General	Normal	Normal

Engineered with Film Based technology: These products come with UV resistant Filmed Layer and is manufactured under high pressures and temperatures which yields a highly durable and dense EWC panel; hence, making Merino Armour External Wall Claddings truly superior and strong for your exteriors.

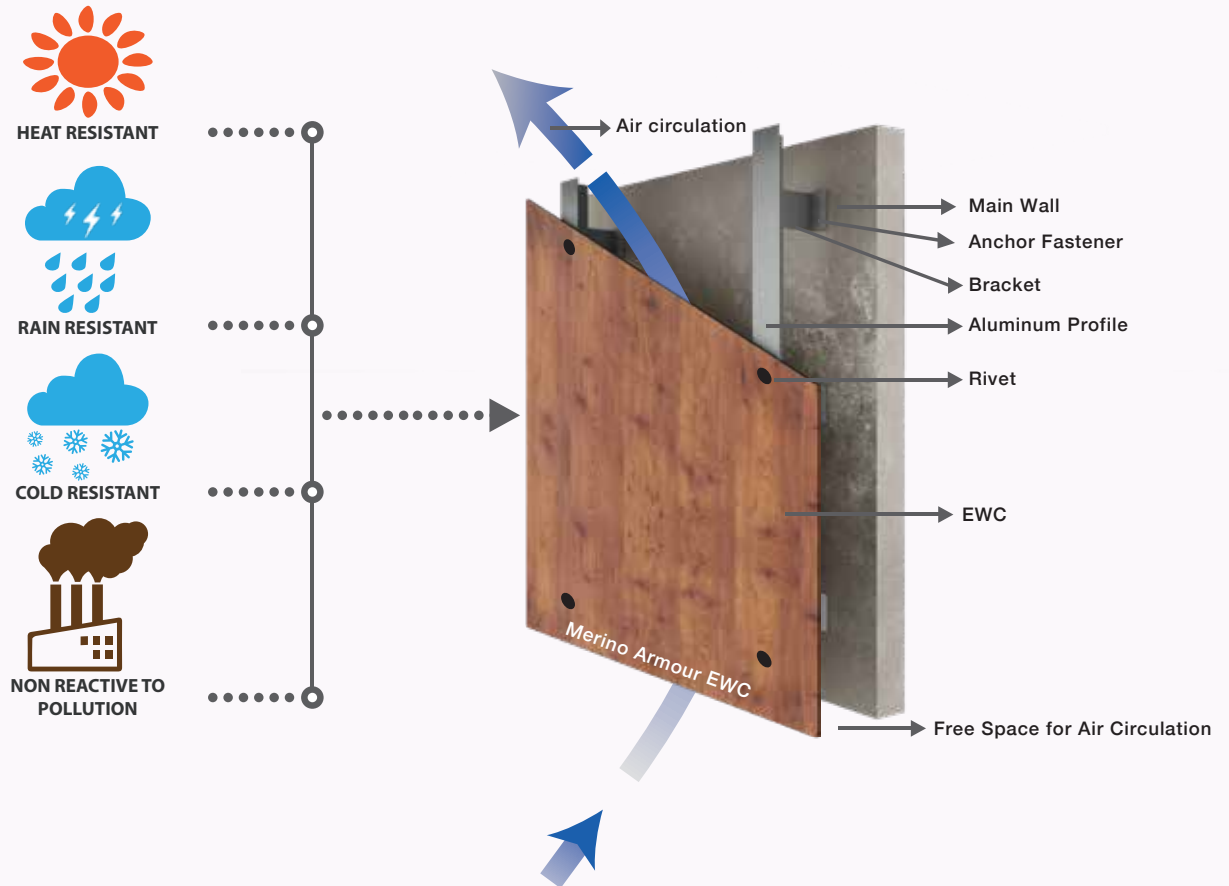
Available in two grades to outshine all weather conditions,

- 1. EGS (Exterior General Purpose) | 2. EDS (Exterior Heavy Purpose)**



ARMOUR'S ENERGY SAVING SYSTEM

Merino Armour External Wall Cladding is not only an innovative, durable and aesthetic shield to your exterior; it also has a natural mechanism which embodies an efficient 'Energy Saving System'. A natural insulation i.e. an air cavity gets created between the wall and the External Wall Cladding. This air gap facilitates continuous air ventilation that reduces heat or moisture effect on base structured wall thus, allowing retention of indoor temperature. The ventilation process contributes to reduced levels of energy consumption and also avoids corrosion of the exterior surfaces. The buildings are now better ventilated providing more comfortable indoor environment and ensuring significant energy saving.



DUE TO ITS SPECIAL VENTILATION TECHNOLOGY, MERINO ARMOUR IS ENERGY-EFFICIENT, SUSTAINABLE, INNOVATIVE AND LONG-LASTING PROTECTOR TO YOUR HOME'S EXTERIOR.

ARMoured AGAINST ALL ODDS

The special Armour robustly justifies its name for the exteriors. Merino's Armour is the ultimate weatherproofing shield to safeguard your exterior surfaces against everyday weather variations and extreme climatic conditions. It is truly the superhero in the world of external claddings.



Against ALL WEATHER:

Highly weather resistant even when exposed to extreme cold or heat conditions and extreme levels of humidity.



Against UV:

A special UV protected treatment makes the claddings UV resistant and prevents discoloring under long exposure to direct sunlight.



Against CLIMATIC SHOCK:

It is resistant to sudden change in temperature and humidity in the atmosphere.



Against CORROSION:

Absolutely corrosion free unlike other external cladding products.



Against GRAFFITI:

Any writing marks made on the surface can be easily removed using soap water or hot water.



Against TERMITES:

Highly resistant to termite and fungal attack.



Against MOISTURE:

Highly moisture resistant hence, ideal for use in all types of exterior cladding.



Against IMPACT:

It is impact resistant and has a very good modulus of elasticity due to the modified phenolic resin.



Against ABRASION:

It has superior abrasion and wear resistance capabilities which gives it good lifespan.



Against FLAME:

Special edition claddings are resistant to high temperatures and flame conditions. EWC is also available with flame retardant grade.



14177 Columbian Walnut

Credits: Ar. Navin, Project: Mr. Sathaiah

EXCELLENCE IN QUALITY

Merino firmly believes that trust is built by delivering high quality and reputable products that adhere to the global standards of quality assurance and environment safety, thus ensuring excellence and credibility in all its deliverables.



GRIHA

Green Rating for Integrated Habitat Assessment (GRIHA) was adopted as the national rating system for green buildings by the Government of India in 2007. Merino is GRIHA-certified for its Sustainable Building Material.



The EPH

Merino Compact is EPH-certified and holds a proof of performance in the building industry for panelling and cladding.



GREENGUARD

Greenguard Certification ensures that a product has met some of the world's most rigorous and comprehensive standards for low emissions of volatile organic compounds (VOCs) into the air. Merino Compact testifies it.



GREENGUARD GOLD

Merino Compact adheres to GREENGUARD Gold standard that ensures products are acceptable for use in environments such as schools and healthcare facilities.

THE ARMOUR-SCAPE

Explore the endless external possibilities of claddings...

Merino Armour External Wall Claddings can adorn many external surfaces and it gives a new protective dimension to different kinds of spaces. Let's have glance at these possibilities of using EWC for specific sites of your building.

- 1 Ceilings
- 2 Ventilated Facades
- 3 Balcony Claddings
- 4 Pillars
- 5 Doors
- 6 As Highlighter

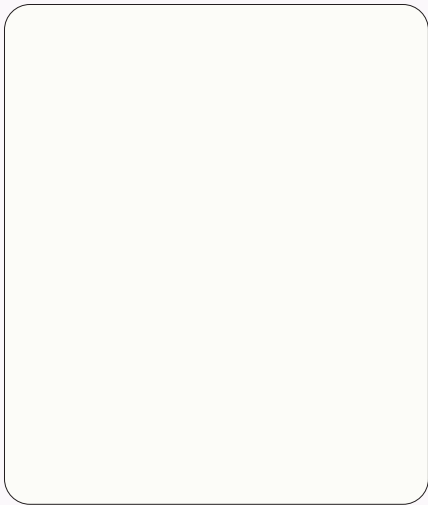


OTHER APPLICATION AREAS

- Partitions • Railings • Fences • Outdoor Furniture • Public Facilities • Playground Facilities • Sports Facilities
- Sun Protection System • Office Entry Portals • Windows

SOLIDS

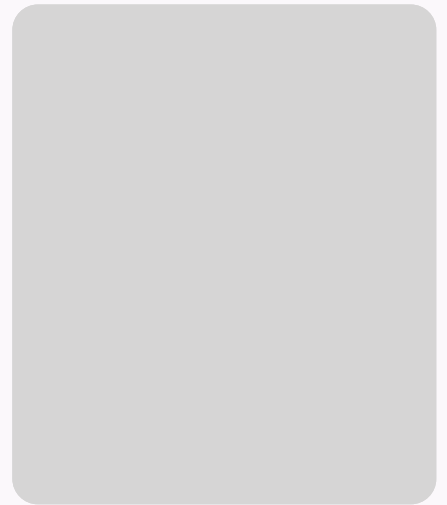




22091 Arctic White



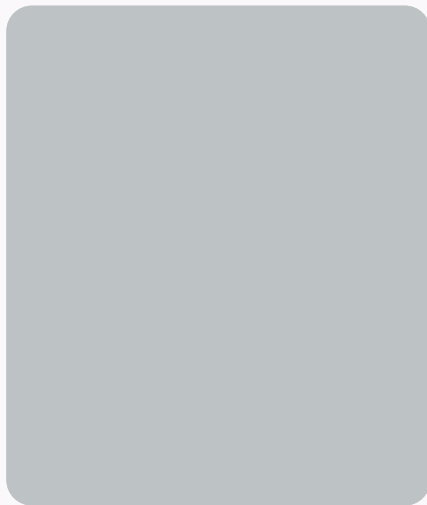
21091 Frosty White



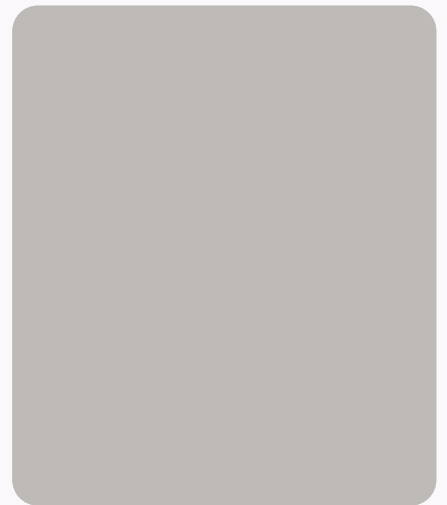
21081 White Lily



21341 Interior Whit



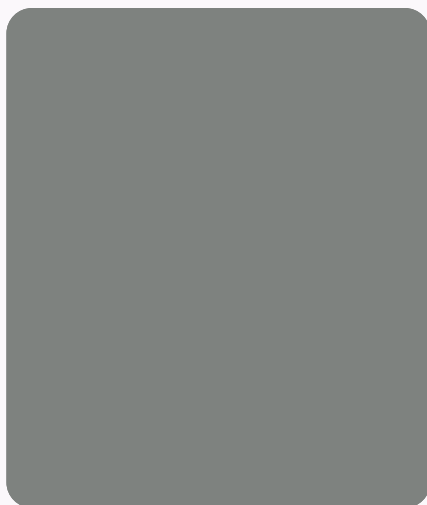
21069 Silver Grey



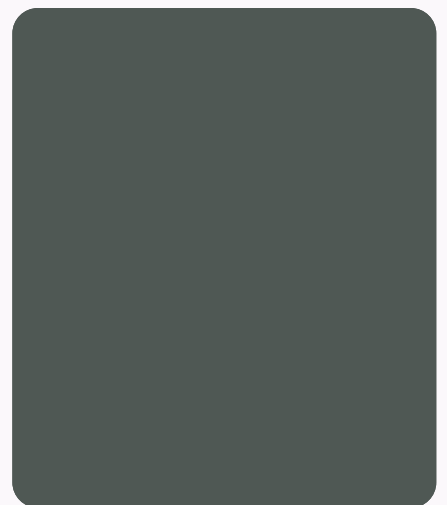
21019 Folkstone Grey



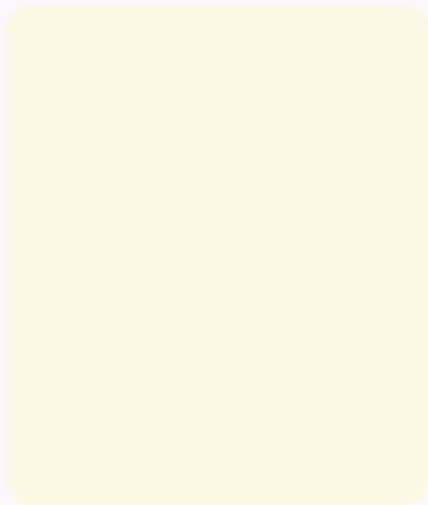
22169 Pale Grey



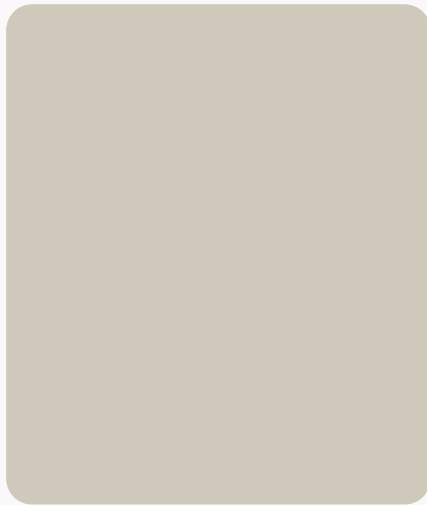
21029 Warm Grey



22059 Gothic Grey



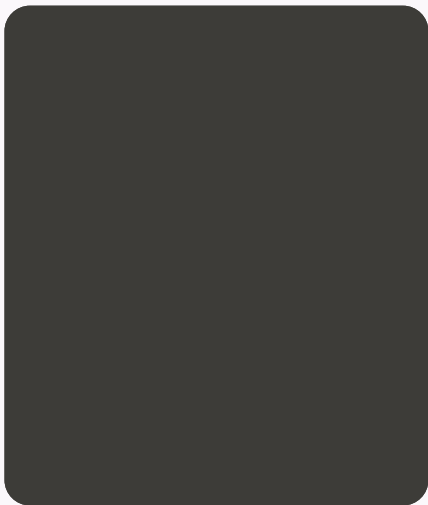
21187 Champagne



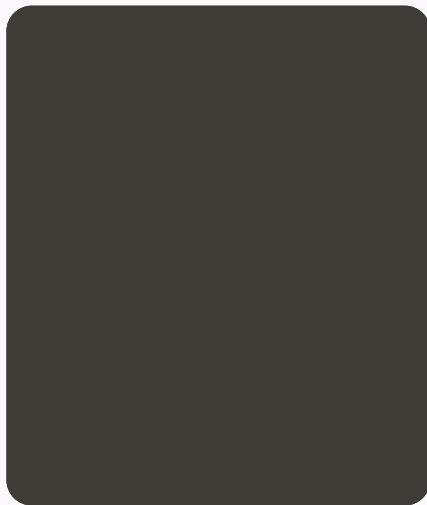
21161 Ceramic



21061 Peanut



22119 Autumn Leaf



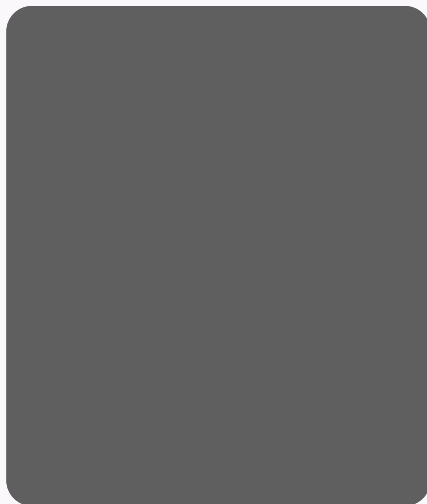
22127 Brown



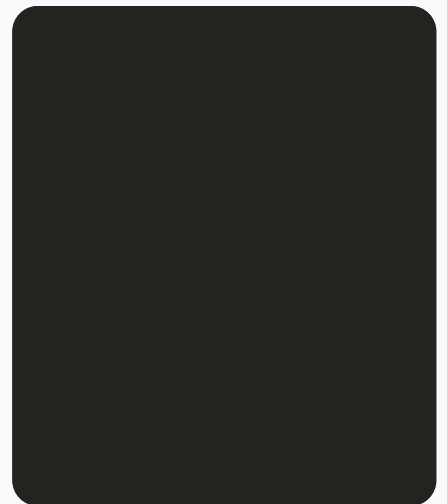
21127 Tan



22099 Slate



22109 Pearl Black



22129 Cobble Stone



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22074 Rose Geranium



22067 Morning Glow



21163 Lime



21013 Emerald



22134 Flamingo Pink



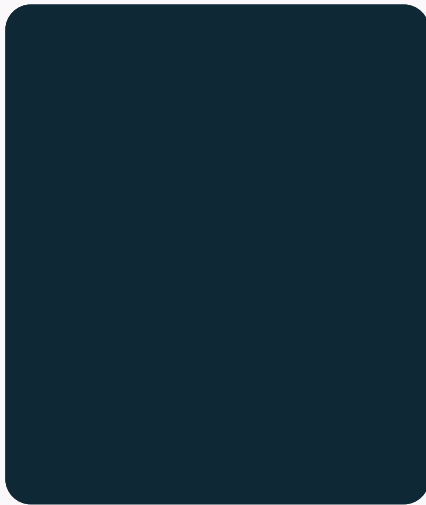
21065 Cardinal



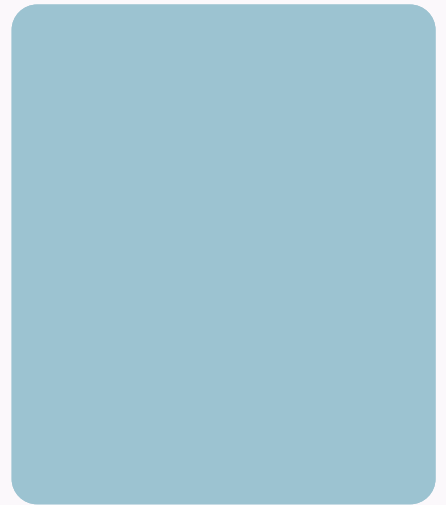
21155 Caramel



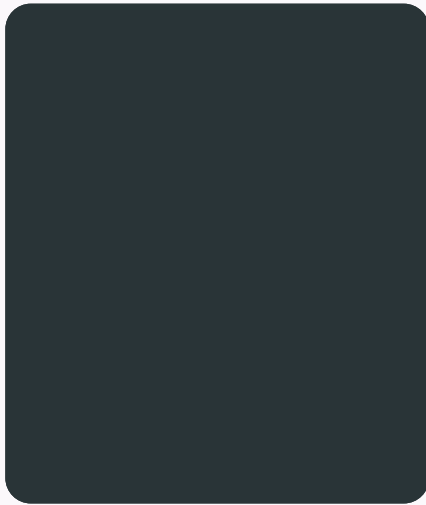
21032 Ink



22102 Trooper



22212 Toned Blue



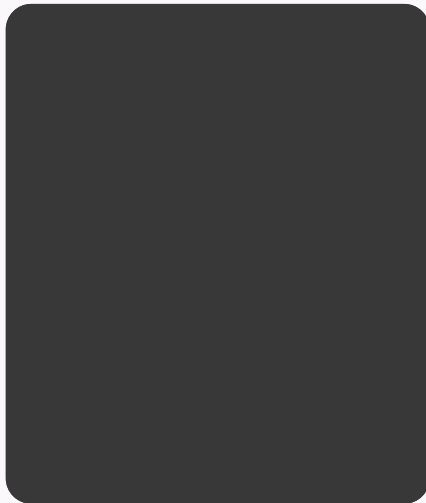
22112 Adriatic Blue



22107 British Buff



22153 Saga Green



21039 Misty Grey



21066 Black

WOODGRAINS





10514 Pure Legno Oak



10197 Nice Wood



10502 Elevated Wood



10510 Magas Walnut Bronze



10012 Oxford Cherry



10511 Magas Mystique Walnut



10544 Canadian Walnut



10081 Desert Fossil Recon



10839 Siberian Pike Oak



10699 Mahagony



10894 Teak Exotica



10592 Orchard Delight



10841 Pabelo Acacia Exodus



10597 Weathered Pike Oak



10884 Montana Walnut



11655 Auburn Bristling Walnut



11682 Mellow Oak



14142 Auburn Kaos Oak



14145 Carino Alpha Mimic



10853 Savannah Cherry



14177 Columbian Cadiz Walnut



10879 Silver Legno Oak



14178 Cherry Cadiz Walnut



14611 Authur Baltic Elm



14620 Peconic Chestnut



14624 Brown Woodscar



14638 Oder Pearwood



11005 Neo Highland Pine



14664 Classic Ashwood



14667 Dinder Samari Oak



14669 Shinfa Samari Oak



14670 Clent Alto Oak



14675 Ebony Sepia



14690 Alhamara Wood



15115 Zebrec Herringbone



14626 Strobilus Pine



14635 Jatoba Bubinga



10451 Orlando Walnut



14640 Bran Bambus



10659 Novoceno Pine

STONES





40001 Cloud Terrazzo



40002 Caster Terrazzo



40006 Tremble Marble



40214 Sky Marble



40268 Stagger Marble



40261 Calacatta Marble



40217 Irish Marble



40232 Soft Travertine



40475 Blanco Ibiza



40476 Duskberg Marble



40461 Castle Concrete



40463 Crub Concreto



40462 Elbrus Concrete



40473 Peat Sandstone

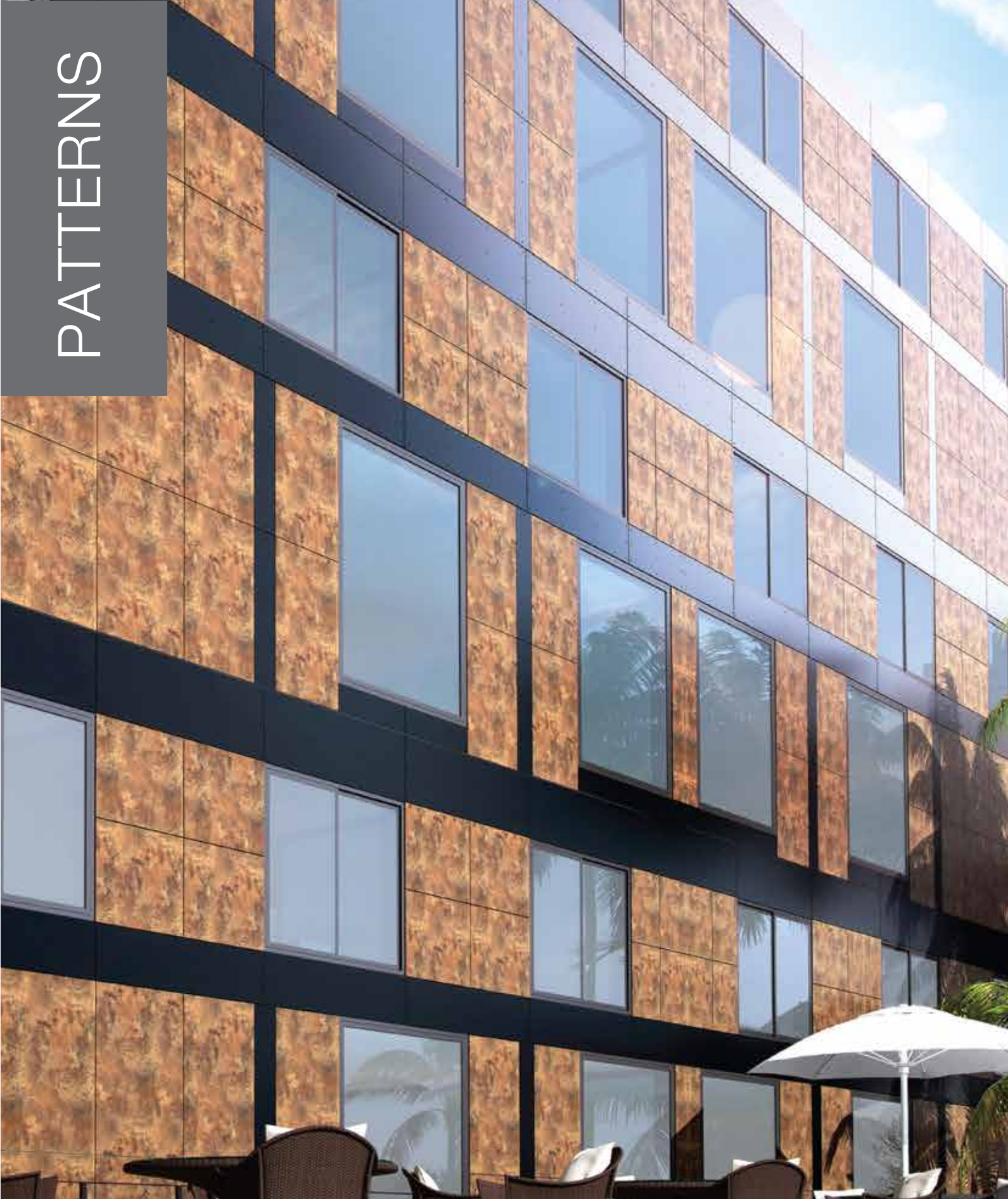


40267 Golden Campino



40478 Barmer Dark Marble

PATTERNS





44775 Crumple Cement



44757 Piazza



44759 Rustic Parched Stone



44773 Rustic Dreams



44789 Rusty Oxid Metal

JUST ARMOUR IT UP

3 EASY AND QUICK SCHEMATICS TO INSTALL ARMOUR EWC

ADHESIVE:

This uses a adhesive to fix the panel. It gives a clean look and is relatively cheaper.

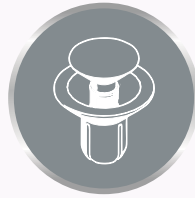


ADHESIVE



RIVETED:

It uses a PU coated rivet and is a more trusted and extensively tested method. It makes the panel strong and durable.



RIVETED

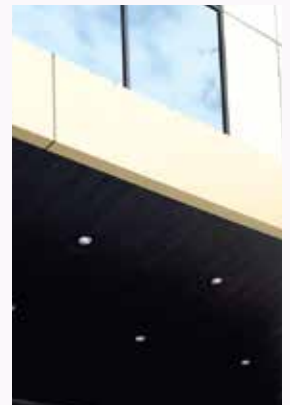


Z-CLIP:

Imported channels are used for fixing the panels which makes it easy to install and even replace.



Z-CLIP



*REFER ARMOUR TECHNICAL MANUAL FOR DETAILED INSTALLATION GUIDELINES

ARMOUR'S AVAILABLE DIMENSIONS

Merino Armour EWC panels is readily available in the following standard sizes:

Sr. No.	Design	Name	Size	
			4'	4.3'
1	10012	Oxford Cherry	Yes	Yes
2	10081	Desert Fossil Recon	Yes	
3	10197	Nice Wood	Yes	
4	10451	Orlando Walnut	Yes	Yes
5	10502	Elevated Wood	Yes	
6	10510	Magas Walnut Bronze	Yes	
7	10511	Magas Mystique Walnut	Yes	
8	10514	Pure Legno Oak	Yes	
9	10544	Canadian Walnut	Yes	
10	10592	Orchard Delight	Yes	
11	10597	Weathered Pike Oak	Yes	
12	10659	Novoceno Pine	Yes	Yes
13	10699	Mahagony	Yes	
14	10839	Siberian Pike Oak	Yes	Yes
15	10841	Pabelo Acacia Exodus	Yes	
16	10853	Savannah Cherry	Yes	
17	10879	Silver Legno Oak	Yes	
18	10884	Montana Walnut	Yes	
19	10894	Teak Exotica	Yes	
20	11005	Neo Highland Pine	Yes	
21	11655	Auburn Erect Walnut	Yes	
22	11682	Mellow Oak	Yes	
23	14142	Auburn Kaos Oak	Yes	
24	14145	Carino Alpha Mimic	Yes	
25	14177	Columbian Cadiz Walnut	Yes	
26	14178	Cherry Cadiz Walnut	Yes	
27	14611	Authur Baltic Elm	Yes	
28	14620	Peconic Chestnut	Yes	
29	14624	Brown Woodscar	Yes	
30	14626	Strobus Pine	Yes	Yes
31	14635	Jatoba Bubinga	Yes	Yes
32	14638	Oder Pearwood	Yes	
33	14640	Bran Bambus	Yes	Yes
34	14664	Classic Ashwood	Yes	
35	14667	Dinder Samari Oak	Yes	
36	14669	Shinfa Samari Oak	Yes	
37	14670	Clent Altos Oak	Yes	
38	14675	Ebony Sepia	Yes	
39	14690	Alhamara Wood	Yes	
40	15115	Zebric Herringbone	Yes	
41	21013	Emerald	Yes	Yes
42	21019	Folkstone Grey	Yes	Yes
43	21029	Warm Grey	Yes	
44	21032	Ink	Yes	Yes
45	21039	Misty Grey	Yes	
46	21061	Peanut	Yes	
47	21065	Cardinal	Yes	Yes
48	21066	Black	Yes	

Sr. No.	Design	Name	Size	
			4'	4.3'
49	21069	Silver Grey	Yes	Yes
50	21081	White Lily	Yes	Yes
51	21091	Frosty White	Yes	
52	21127	Tan	Yes	
53	21155	Caramel	Yes	
54	21161	Ceramic	Yes	Yes
55	21163	Lime	Yes	
56	21187	Champagne	Yes	Yes
57	21341	Interior White	Yes	
58	22059	Gothic Grey	Yes	Yes
59	22067	Morning Glow	Yes	
60	22074	Rose Geranium	Yes	
61	22091	Arctic White	Yes	Yes
62	22099	Slate	Yes	
63	22102	Trooper	Yes	Yes
64	22107	British Buff	Yes	Yes
65	22109	Pearl Black	Yes	Yes
66	22112	Adriatic Blue	Yes	
67	22119	Autumn Leaf	Yes	
68	22127	Brown	Yes	
69	22129	Cobble Stone	Yes	Yes
70	22134	Winter Sea	Yes	
71	22153	Saga Green	Yes	Yes
72	22169	Pale Grey	Yes	Yes
73	22212	Toned Blue	Yes	Yes
74	40001	Cloud Terrazzo	Yes	
75	40002	Caster Terrazzo	Yes	Yes
76	40006	Tremble Marble	Yes	Yes
77	40214	Sky Marble	Yes	Yes
78	40217	Irish Marble	Yes	
79	40232	Soft Travertine	Yes	Yes
80	40261	Calacatta Marble	Yes	
81	40267	Golden Campino	Yes	
82	40268	Stagger Marble	Yes	Yes
83	40461	Castle Concrete	Yes	Yes
84	40462	Elbrus Concrete	Yes	Yes
85	40463	Crub Concrete	Yes	Yes
86	40473	Peat Sandstone	Yes	Yes
87	40475	Blanco Ibiza	Yes	Yes
88	40476	Duskberg Marble	Yes	Yes
89	40478	Barmer Dark Marble	Yes	
90	44757	Piazza	Yes	
91	44759	Rustic Parched Stone	Yes	
92	44773	Rustic Dreams	Yes	
93	44775	Crumple Cement	Yes	
94	44789	Rusty Oxid Metal	Yes	

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