

ECONOMY • EXCELLENCE • ETHICS

# MERINO ARMOUR™

EXTERNAL CLADDING

**MERINO INDUSTRIES LTD.**

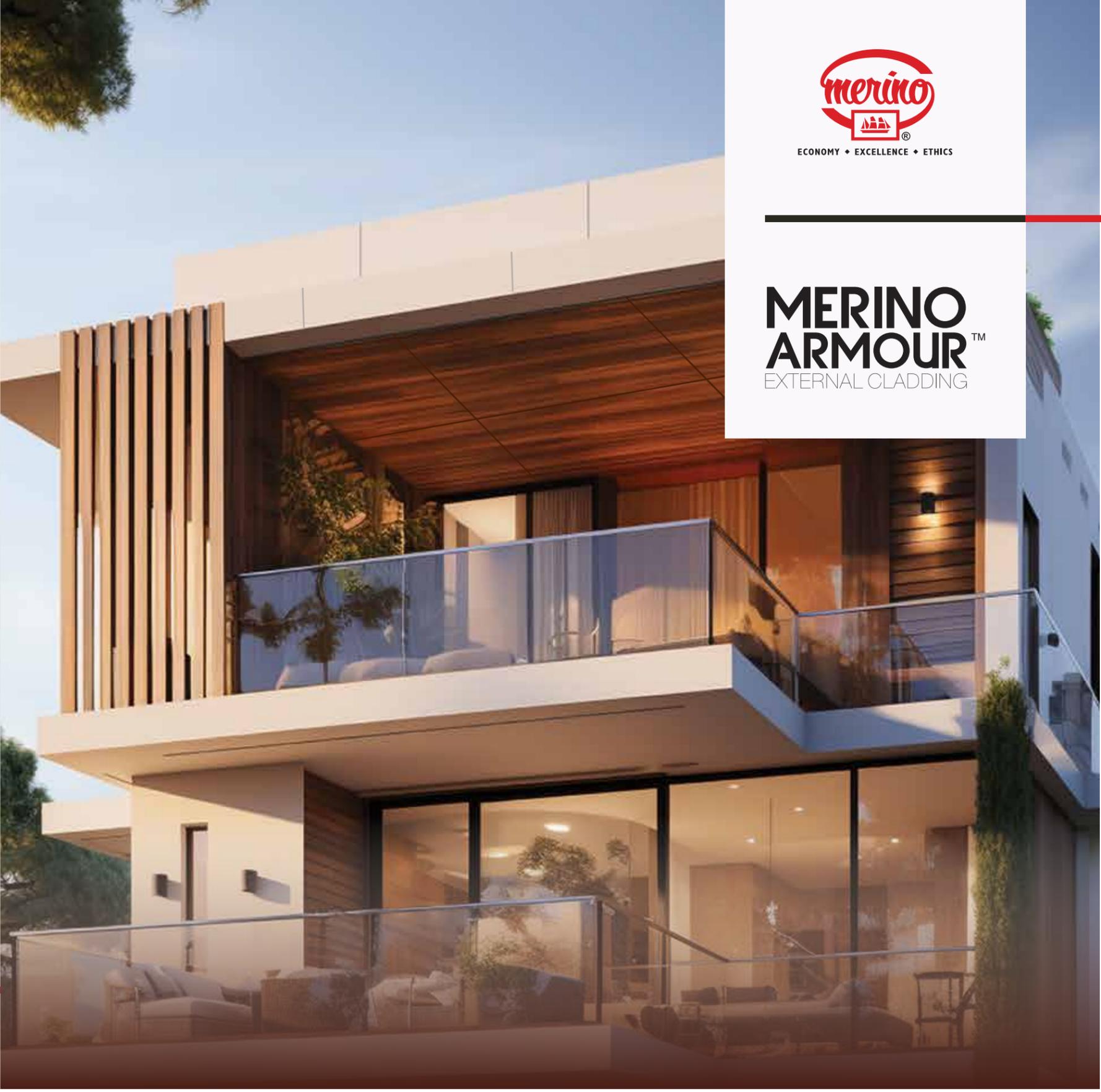
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# MERINO ARMOUR™

EXTERNAL CLADDING



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# About us

Welcome to the home of Laminates, welcome to Merino. From a humble beginning in 1967 to the launch of plywood, 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 as well as Food & Agro products. With its presence in over 80 countries that span across the six 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 showcase 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. From uncompromising safety standards and sustainable production processes to innovation-centric research and 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](http://www.nsf.org/certified-products-systems).



# MERINO ARMOUR™

EXTERNAL  
CLADDING

Merino embodies trust and perfection in its 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 providing ideal solutions for all architectural challenges. The extensive range of External Wall Claddings blend strength and beauty to perfection. And that's not all, these claddings offer uncompromising durability, steady protection and timeless aesthetics like none other, 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

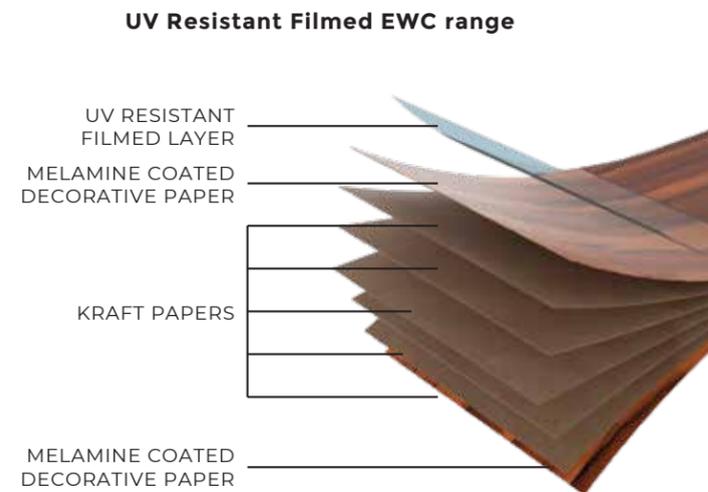
Merino Armour External Wall Cladding epitomizes beauty and toughness, ensuring supreme aesthetics and durability at the same time. We have engineered the armour range with a special technology that make exteriors enduring to the core and helps it withstand the impact of erratic weather conditions.

#### Engineered with Film Based technology:

These products come with UV-resistant Filmed Layer. They are manufactured under high pressures and temperatures, which yields a highly durable and dense EWC panel, making Merino Armour External Wall Claddings truly superior and strong for your exteriors.

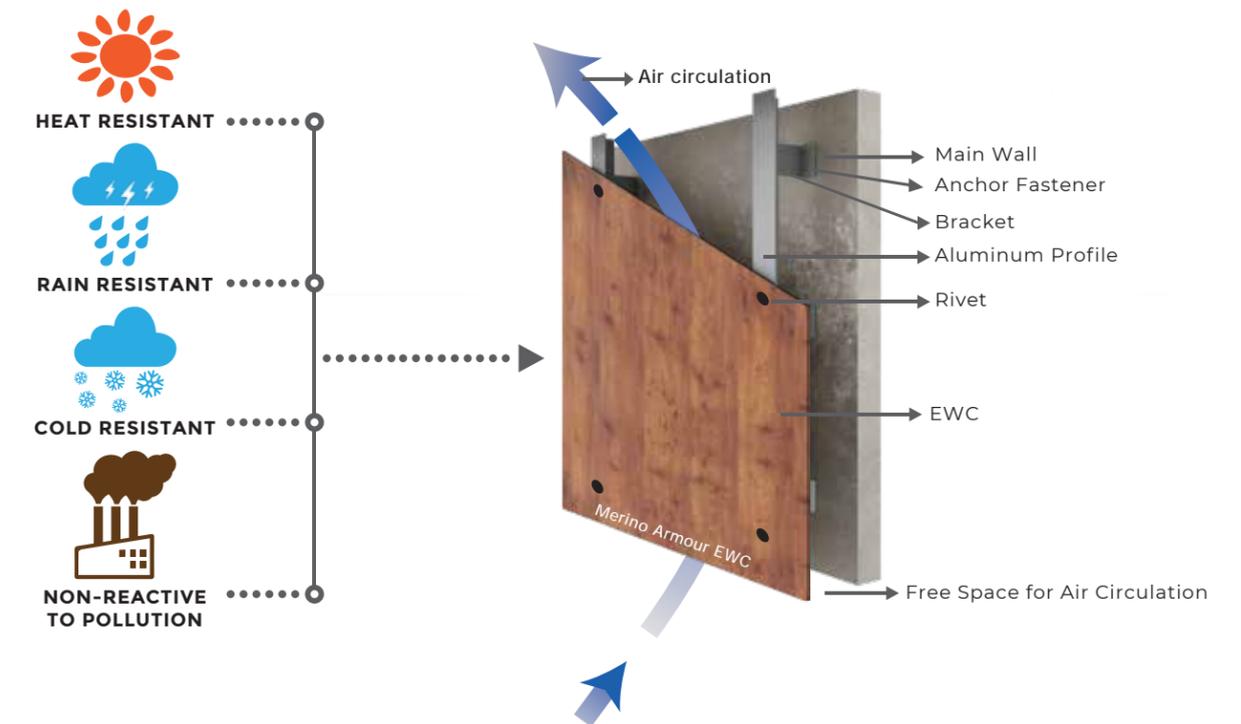
Available in two grades to outshine all weather conditions,

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, stays 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

Keeping up with the reputation of its name, 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.



\*Euroclass B-s1,d0 (EDF >= 6mm) Fire Retardant Certificate in accordance with European regulation EN 13501-1

## 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. This commitment ensures 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 possibilities of external claddings

Merino Armour External Wall Claddings can adorn many external surfaces. It provides a new protective dimension to different kinds of spaces. Let's have glance at all the 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

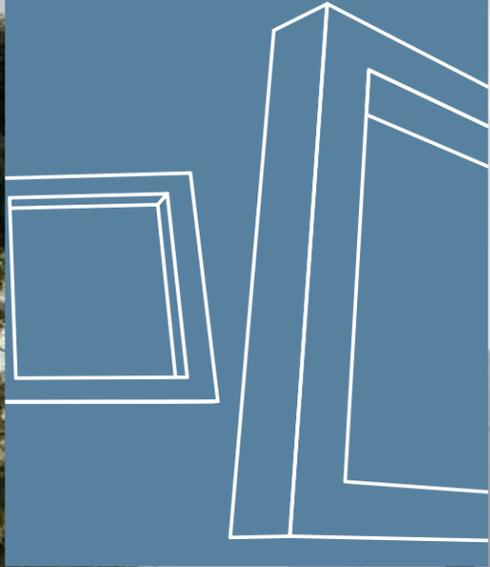


## OTHER APPLICATION AREAS

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

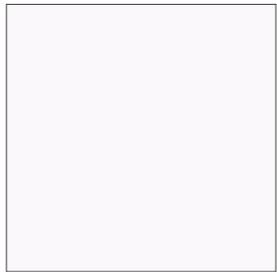
Solid

*Solid protection  
for your exterior*

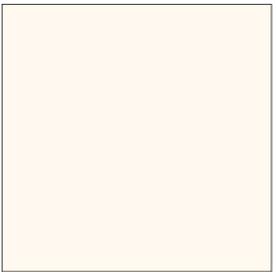




# Solid



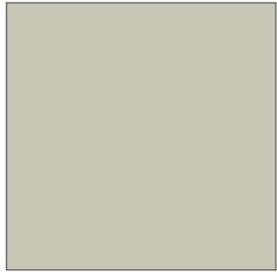
22091 Arctic White



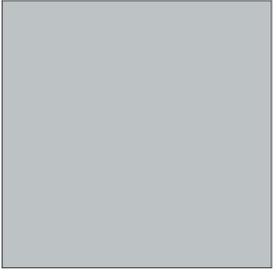
21091 Frosty White



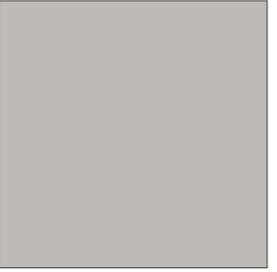
21081 White Lily



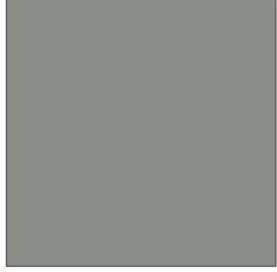
21341 Interior White



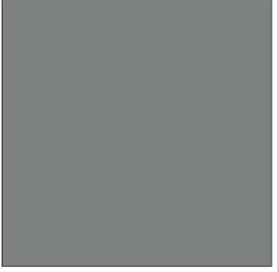
21069 Silver Grey



21019 Folkstone Grey



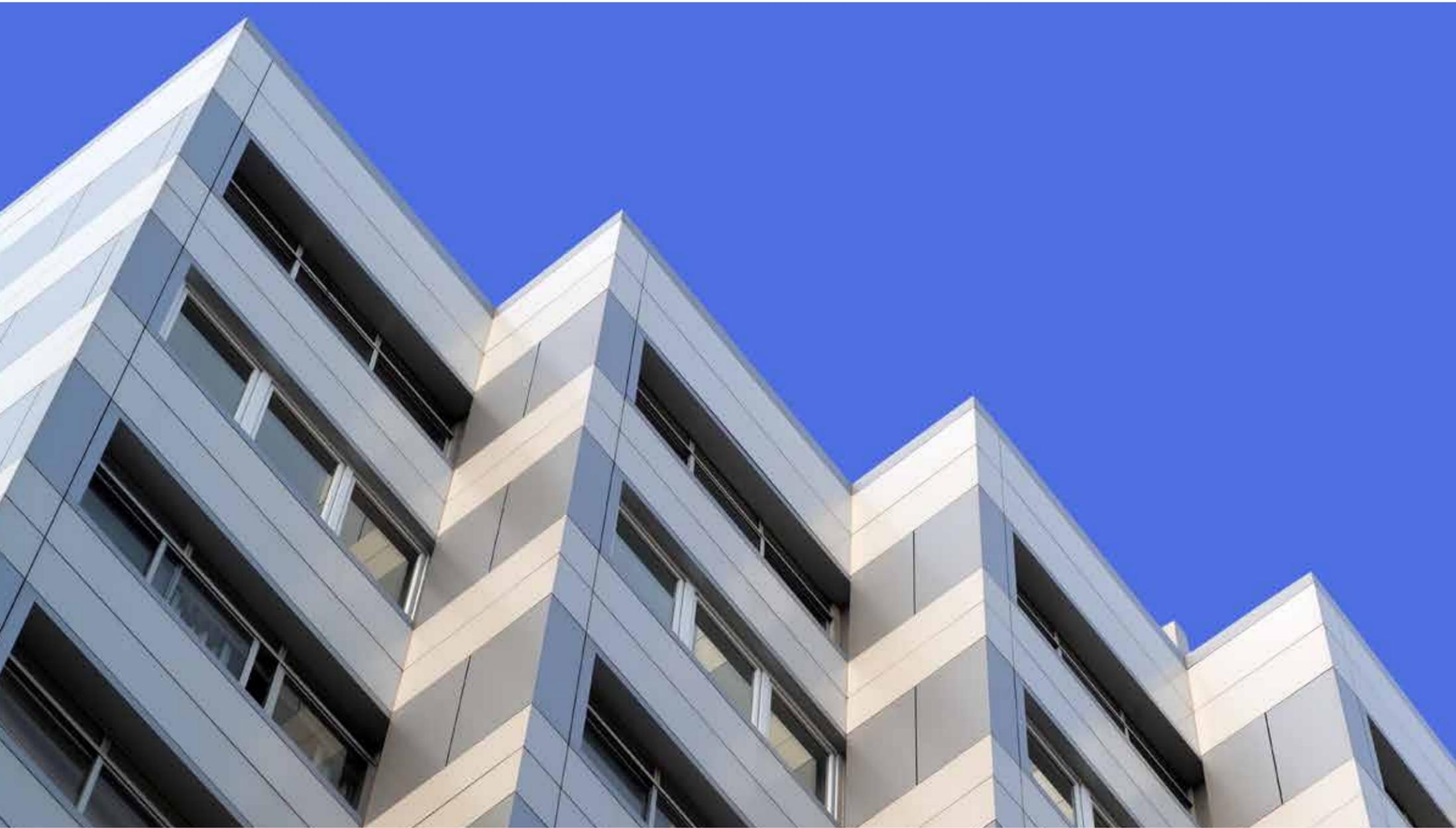
22169 Pale Grey



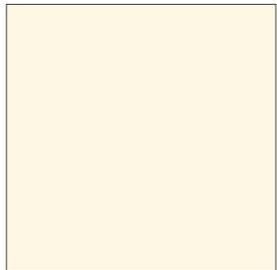
21029 Warm Grey



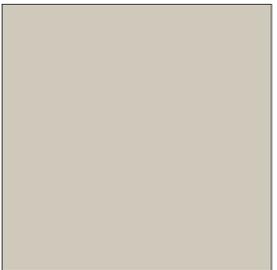
22059 Gothic Grey



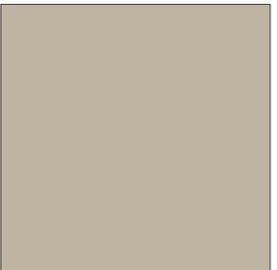
# Solid



21187 Champagne



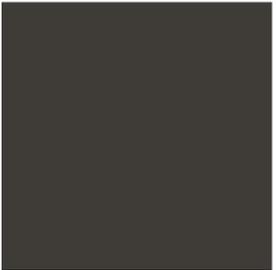
21161 Ceramic



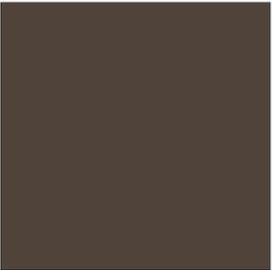
21061 Peanut



22119 Autumn Leaf



22127 Brown



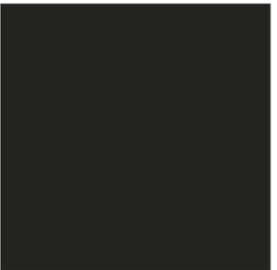
21127 Tan



22099 Slate



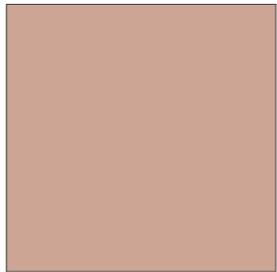
22109 Pearl Black



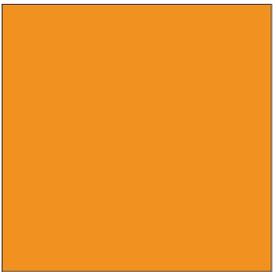
22129 Cobble Stone



# Solid



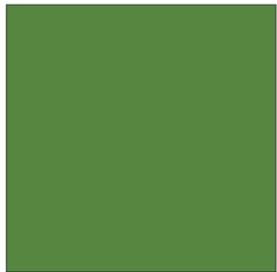
22074 Rose Geranium



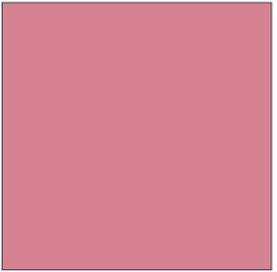
22067 Morning Glow



21163 Lime



21013 Emerald



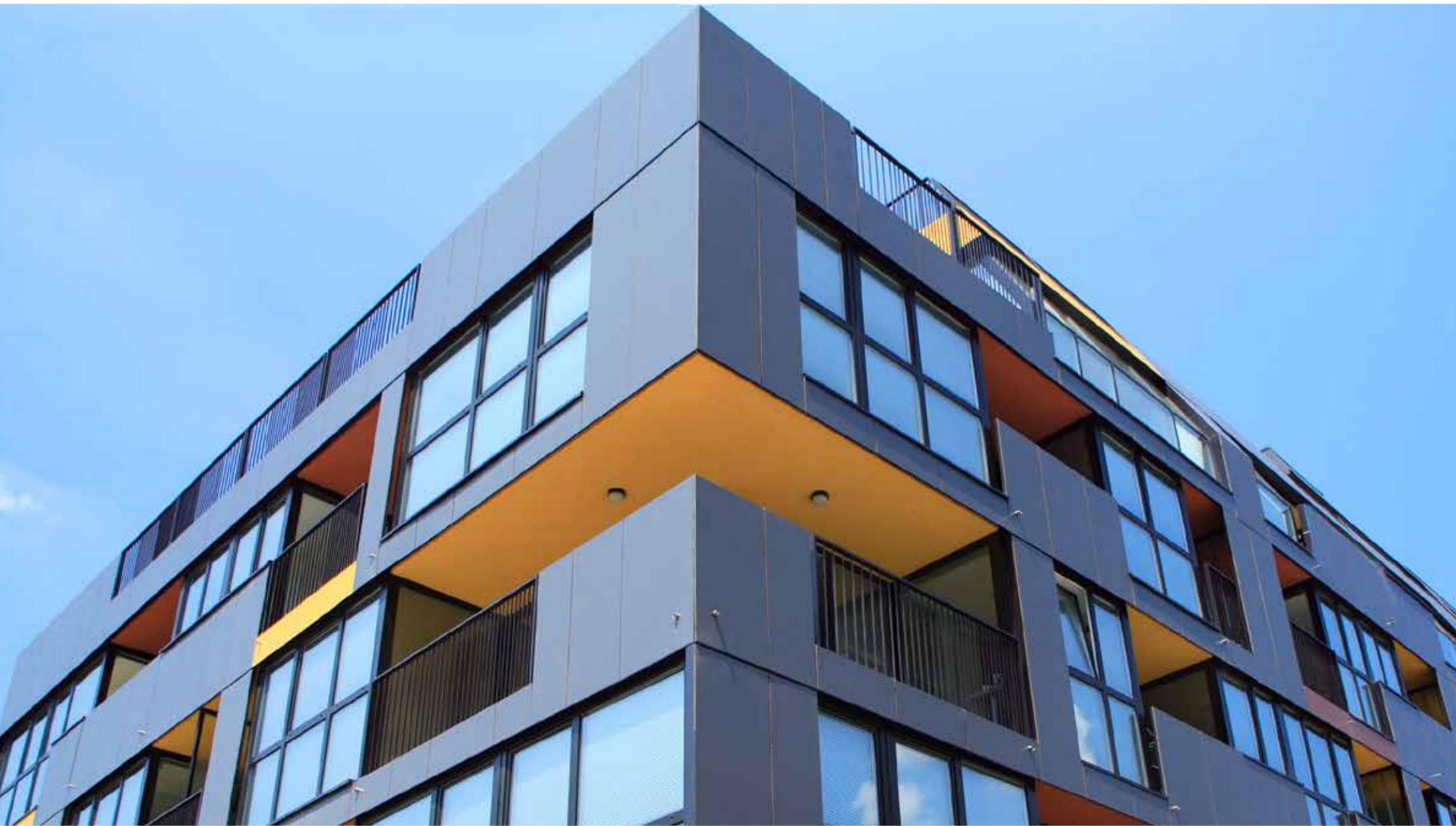
22134 Flamingo Pink



21065 Cardinal



21155 Caramel



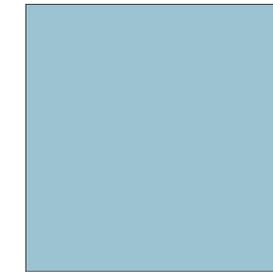
# Solid



21032 Ink



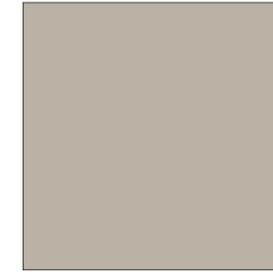
22102 Trooper



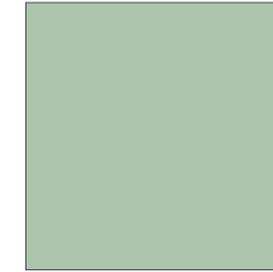
22212 Toned Blue



22112 Adriatic Blue



22107 British Buff



22153 Saga Green



21039 Misty Grey



21066 Black

WOODGRAINS

*Create a calm with  
wood's natural charm*





10514 Pure Legno Oak



10197 Nice Wood



10502 Elevated Wood



10510 Magas Walnut Bronze



10012 Oxford Cherry



10511 Magas Mystique Walnut



10544 Canadian Walnut



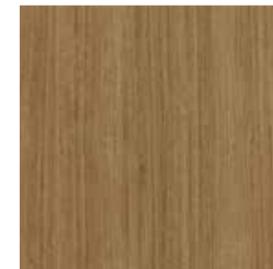
10081 Desert Fossil Recon



10839 Siberian Pike Oak



10699 Mahagony



10894 Teak Exotica



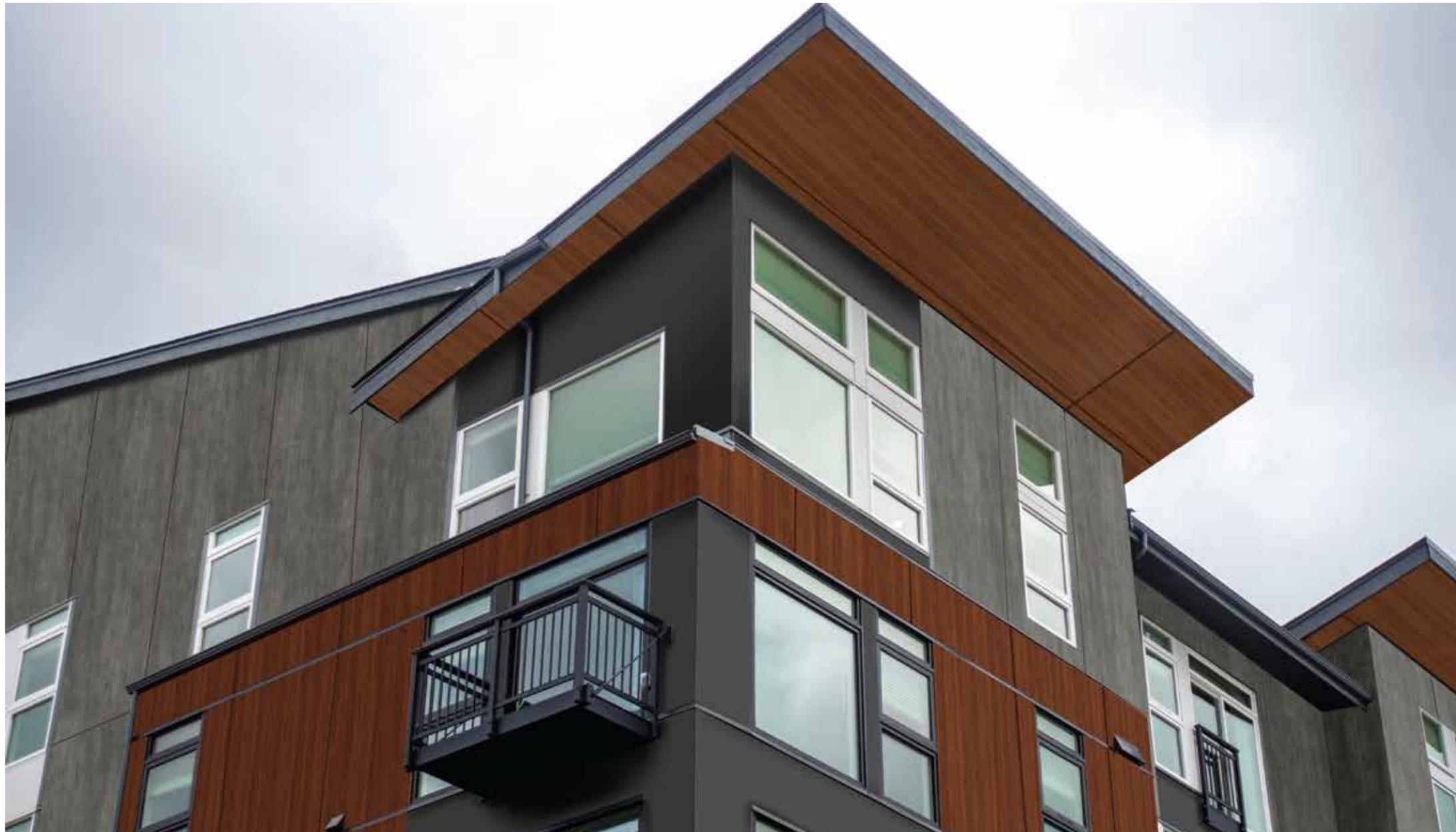
10592 Orchard Delight



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



WOODGRAINS



10879 Silver Legno Oak



14178 Cherry Cadiz Walnut



14611 Authur Baltic Elm



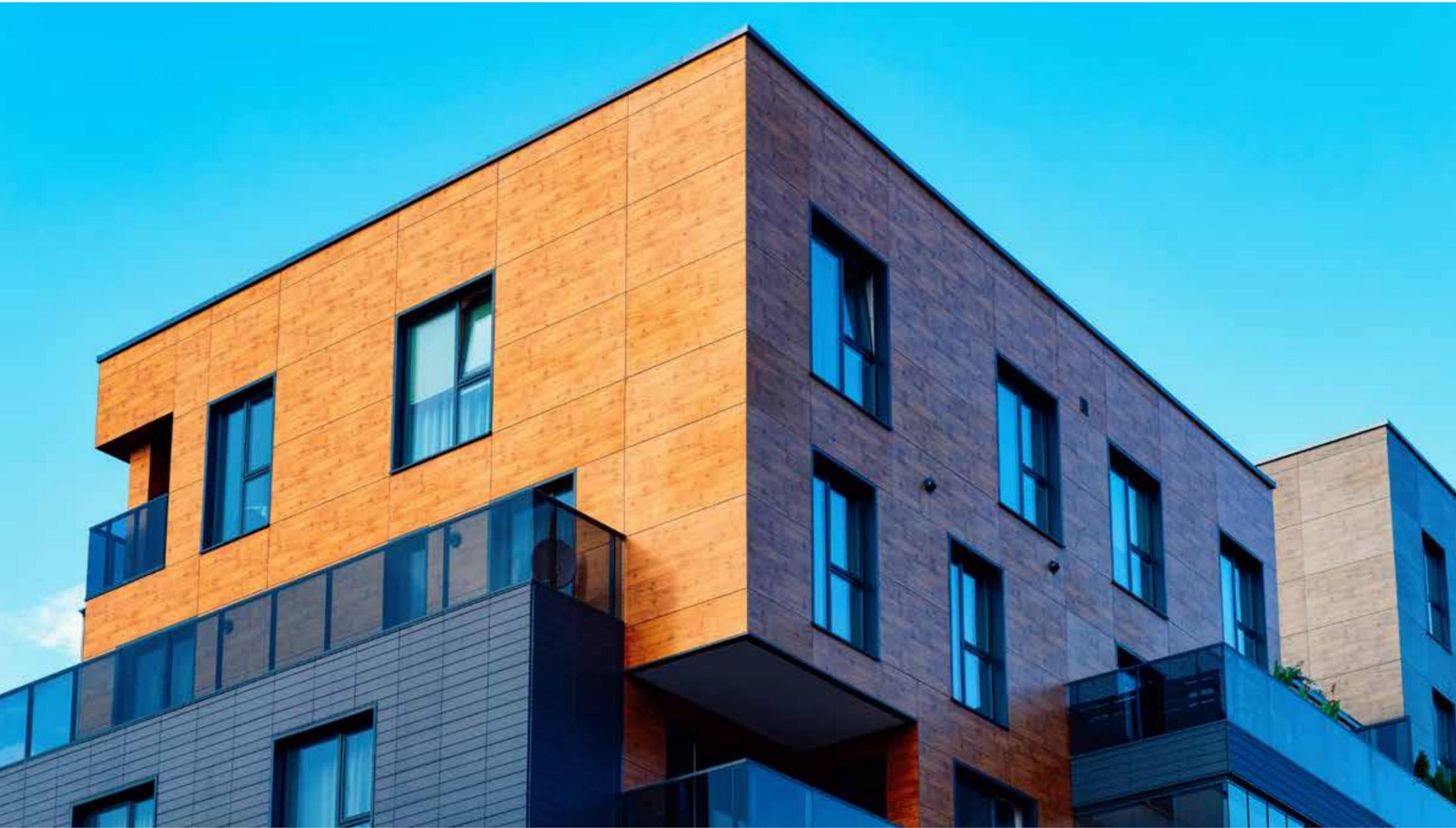
11005 Neo Highland Pine



14620 Peconic Chestnut



14624 Brown Woodscar



WOODGRAINS



14664 Classic Ashwood



14667 Dinder Samari Oak



14669 Shinsa Samari Oak



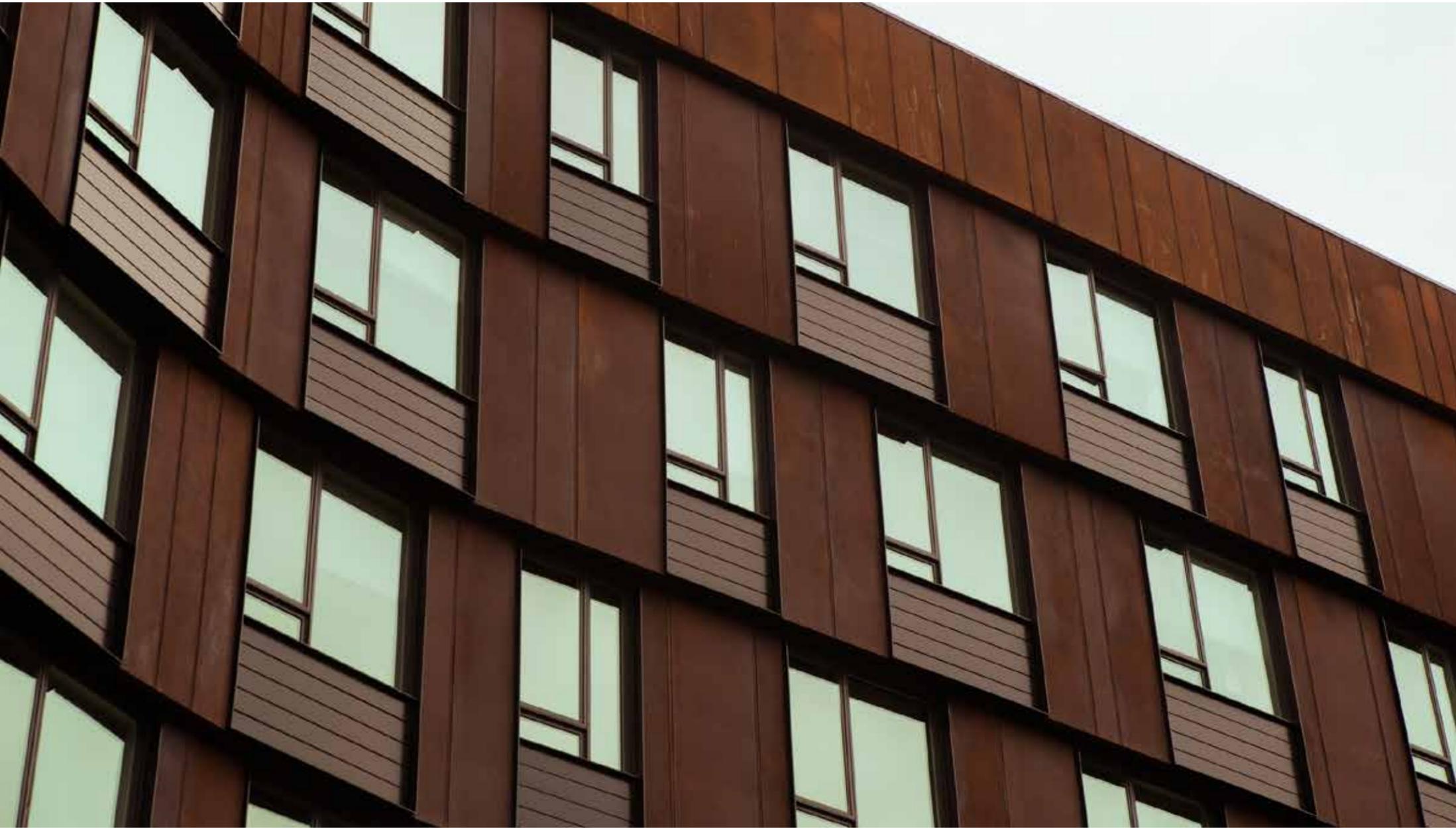
14670 Clent Alto Oak



14675 Ebony Sepia



14690 Alhamara Wood



## WOODGRAINS



14626 Strobilus Pine



14635 Jatoba Bubinga



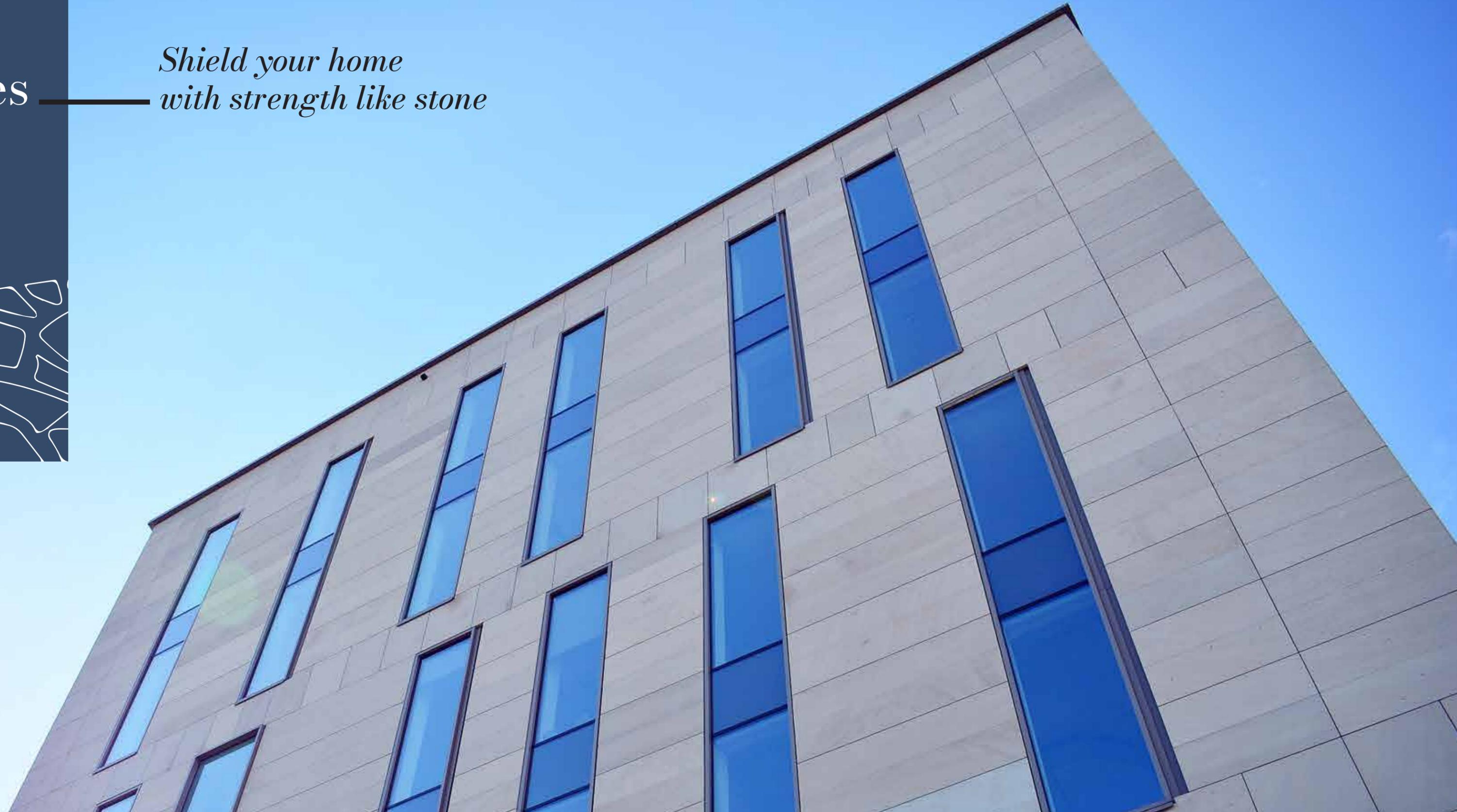
14640 Bran Bambus



10659 Novoceno Pine

Stones

*Shield your home  
with strength like stone*

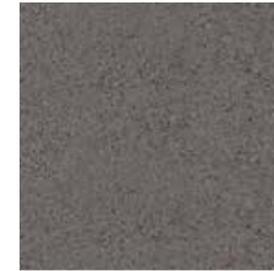




# Stones



40001 Cloud Terrazzo



40002 Caster Terrazzo



40006 Tremble Marble



40268 Stagger Marble



40232 Soft Travertine



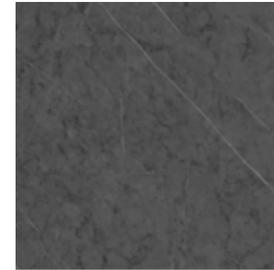
40261 Calacatta Marble



# Stones



40475 Blanco Ibiza



40476 Duskberg Marble



40461 Castle Concrete



40463 Crub Concreto



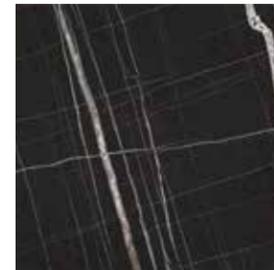
40462 Elbrus Concrete



40473 Peat Sandstone



40267 Golden Campino

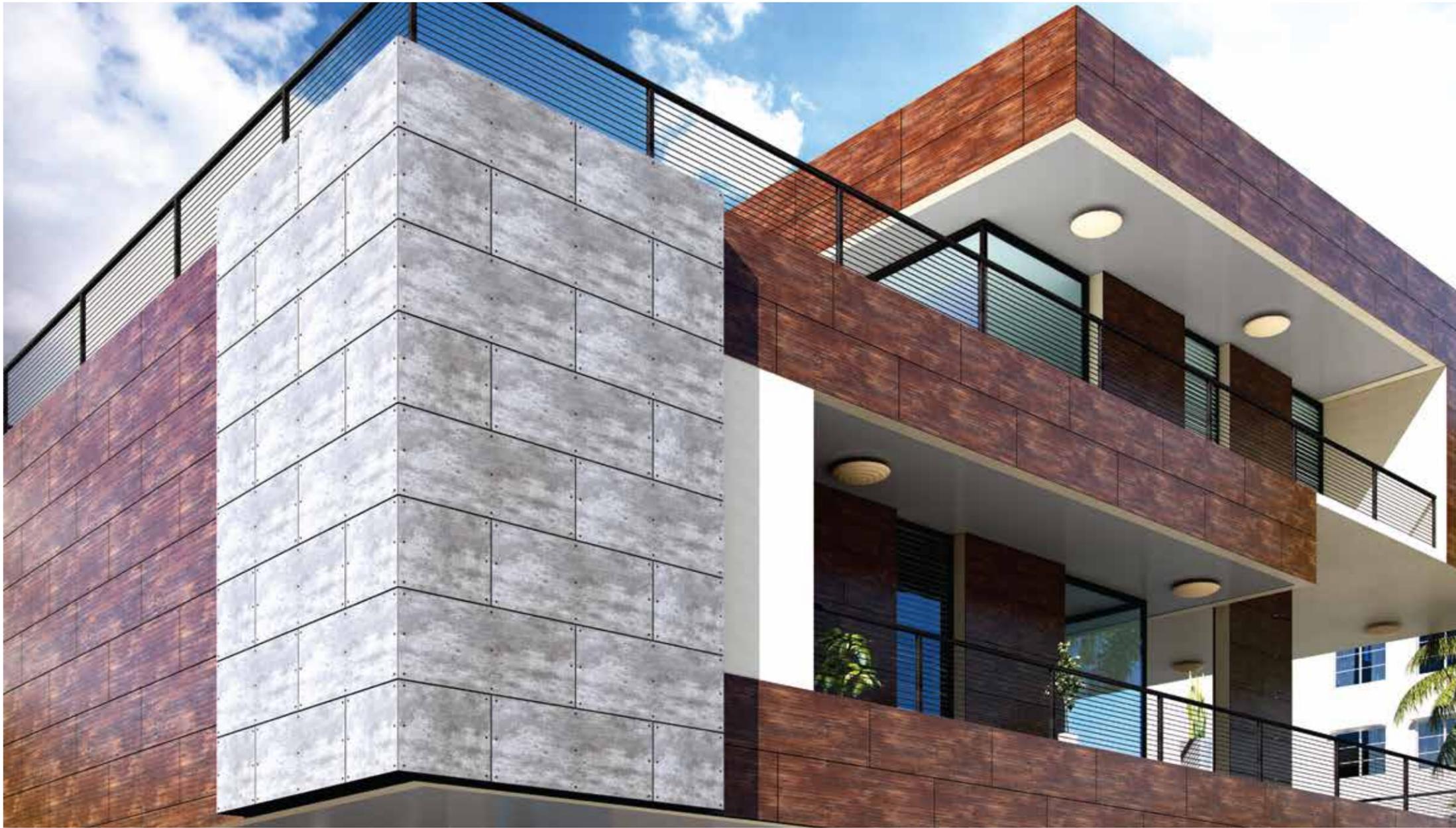


40478 Barmer Dark Marble

Patterns

*Make rhythmic patterns  
intertwine with durability*





# Patterns



44775 Crumple Cement



44757 Piazza



44773 Rustic Dreams



44789 Rusty Oxid Metal

# Just armour it up

## 3 EASY AND QUICK SCHEMATICS TO INSTALL ARMOUR EWC

### ADHESIVE:

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

### RIVETED:

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

### Z-CLIP:

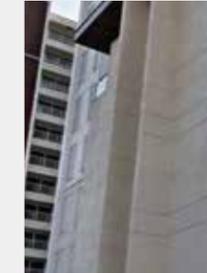
Imported channels are used for fixing the panels, which makes it easy to install and even replace.



Scan the QR code to access the detailed installation manual & care & maintenance guidelines.



ADHESIVE



RIVETED



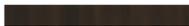
Z-CLIP





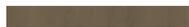
## ARMOUR'S AVAILABLE DIMENSIONS

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

Sr. No.	Design	Name	Size in mm		
			1220	1300	
1		10012	Oxford Cherry	Yes	Yes
2		10081	Desert Fossil Recon	Yes	
3		10197	Nice Wood	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	
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	Auburm Erect Walnut	Yes	

## ARMOUR'S AVAILABLE DIMENSIONS

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

Sr. No.	Design	Name	Size in mm		
			1220	1300	
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
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	



## ARMOUR'S AVAILABLE DIMENSIONS

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

Sr. No.	Design	Name	Size in mm	
			1220	1300
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	
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	

\* Standard Finish is Suede

## ARMOUR'S AVAILABLE DIMENSIONS

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

Sr. No.	Design	Name	Size in mm	
			1220	1300
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 Flamingo Pink	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	
77		40214 Sky Marble	Yes	Yes
79		40232 Soft Travertine	Yes	Yes
80		40261 Calacatta Marble	Yes	

## ARMOUR'S AVAILABLE DIMENSIONS

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

Sr. No.		Design	Name	Size in mm	
				1220	1300
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 Concreto	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	
92		44773	Rustic Dreams	Yes	
93		44775	Crumple Cement	Yes	
94		44789	Rusty Oxid Metal	Yes	