



[www.greenlamindustries.com](http://www.greenlamindustries.com)

NEW/MIKA **FX**  
EXTERIOR GRADE COMPACT PANEL



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ELEGANT. ENDURING. ELEMENTARY.

Volume 1, November, 2023





Greenlam is amongst the world's top 3, Asia's largest and India's No. 1 surfacing solutions brand. With its presence in over 100 countries, Greenlam has focused on developing quality products with a great passion for innovation. It offers end-to-end surfacing solutions spread across decorative laminates, compact laminates, interior and exterior clads, restroom cubicles and locker solutions, decorative veneers, engineered wooden floors and doors and now plywood.

With multiple state-of-the-art manufacturing facilities across the country, it is the first choice of architects, interior designers and homeowners when it comes to transforming living spaces.

Greenlam aims and acts to save and preserve nature in its pristine form by ethical sourcing of its raw materials from the world over, thereby ensuring they are environmental-friendly and safe to use. With its extensive presence of sales team and channel partners globally, Greenlam is just a call away to give your spaces a fresh look.



**NewMika** Laminates from the house of Greenlam Industries Ltd is a name synonymous with contemporary designer laminates in India. Driven by an unflinching drive to innovate and introduce bold and vibrant designs. NewMika strives to cater to the young and diverse audience.

NewMika, with its global presence, is a leading brand offering a wide range of laminates in varying thicknesses and high-quality exterior-grade compact panels. NewMika is dedicated to maintaining its position as the foremost brand of decorative product solutions, driven by an unwavering commitment for excellence.

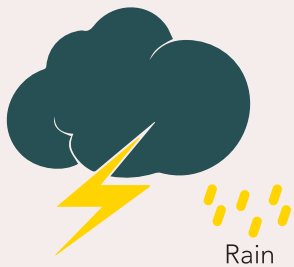


ELEGANT.  
ENDURING.  
ELEMENTARY.

NEW/MIKA FX<sup>TM</sup>  
EXTERIOR GRADE COMPACT PANEL

Introducing NewMika FX - an extraordinary collection of exterior-grade panels that will transform any space into a masterpiece! With a perfect blend of sophistication, durability, and simplicity, the NewMika FX encapsulates the essence of exceptional craftsmanship. Engineered with advanced weather-resistant technology, NewMika FX provides exceptional longevity and protection against rain, wind, UV rays and sunlight. Whether in scorching summers or freezing winters, NewMika FX ensures long-lasting performance, making it the ultimate choice for all-weather endurance.

The designs and the elements used in this catalog take inspiration from nature and it's seasons. The graphical illustrations depict the elements of nature, such as wind and water as our new-age exterior facade panels keeps all the harshness of weather at bay. Immerse yourself and discover why Newmika FX meets the elements of enduring elegance.



30406 Tawny Mustard

30314 Troy Cement





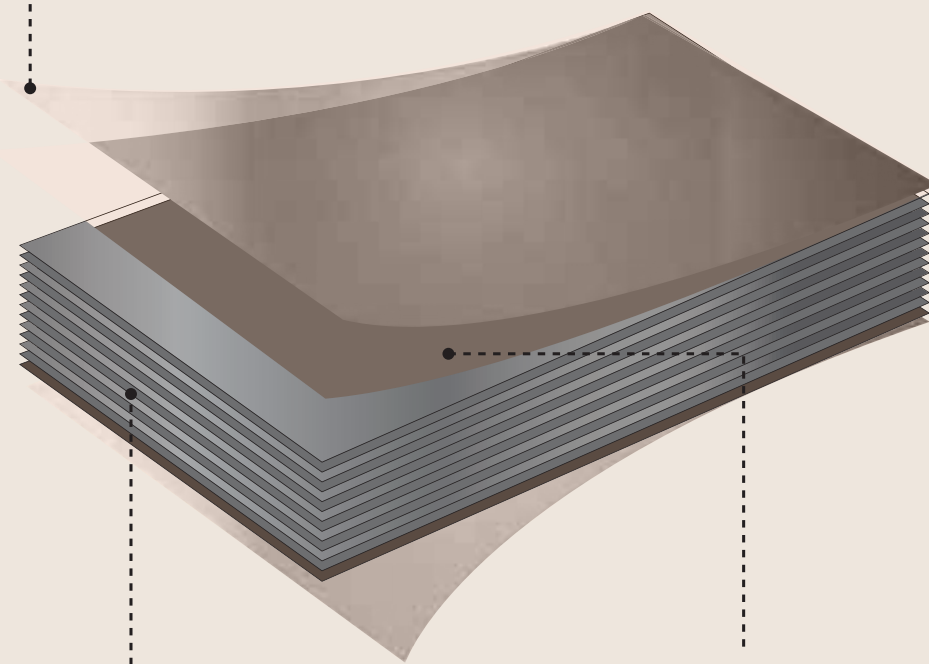
# CUTTING-EDGE TECHNOLOGY

Remaining steadfast in our endeavour to provide robust exterior grade panels, we harness advanced technology across all our range. Crafted with NMEF-Technology, our exterior façade surfaces exude intrinsic durability. This range features a UV-resistant Top Coating, fortified by Poly Vinylidene (PV) and Acrylic layers, ensuring the preservation of the decorative surface against fading. Our panels are meticulously manufactured under high pressures and temperatures, yielding an exceptionally dense and durable composition. This empowers them to effortlessly endure even the most harshest weather conditions.



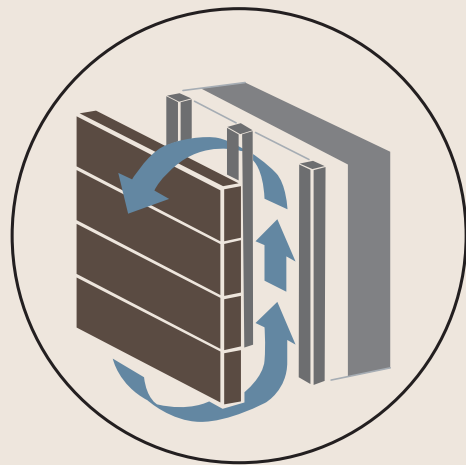
## PRODUCT CONSTRUCT

High-performance UV and weather-resistant film for surface protection on both sides



Imported décor paper impregnated with aminoplastic resin on both sides

Kraft core treated with special chemicals and thermosetting resin



### VENTILATED FACADE

Ventilated facade system creates an air gap between a building's outer cladding and structural wall, enhancing insulation and energy efficiency



**UV-resistant**

Comes with a special UV-treated coating to prevent fading of surfaces, making the product fit for usage on exteriors



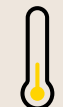
**Mechanical Shock-resistant**

With modified phenolic resin providing a great flexural strength and modulus of elasticity, these surfaces don't buckle under intense force or shock



**Fire-retardant**

Comes with **BS1D0** – the best-in-the-category fire rating. This ensures the panels won't go down in flames when in contact with fire



**Temperature Stability**

Withstand temperatures as low as -50° C and as high as 80° C maintaining their form and structure even in adversities



**Weather-resistant**

Be it heat, humidity or extreme cold, these surfaces can handle it all



**Termite-resistant**

Comes with a termite-resistant treatment, that ensures termites don't damage your beautiful exteriors



**Anti-graffiti**

Say good bye to your worries about spray paints, stains, or marks as these surfaces are super easy to clean and maintain



**Climatic Shock-resistant**

Nothing can shock these surfaces. Not even sudden changes in temperature and humidity



**Abrasion-resistant**

Superior abrasion resistance properties makes these surfaces durable, keeping them in near mint condition



**Corrosion-resistant**

Prevent corrosions due to environmental reactions

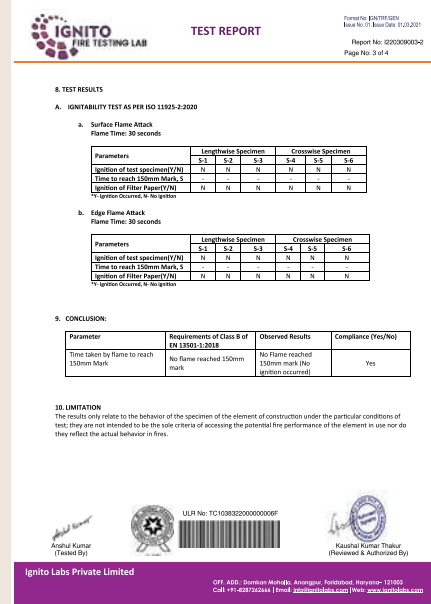
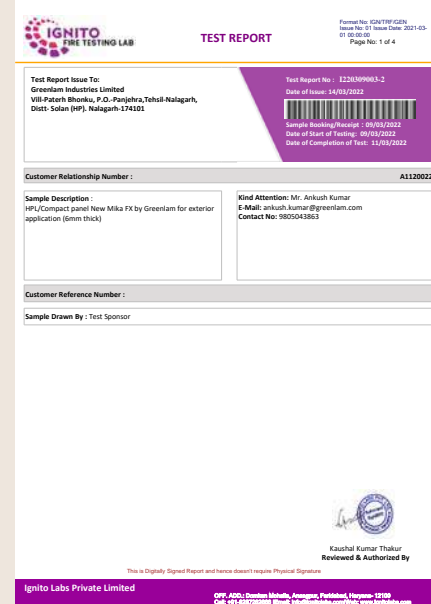
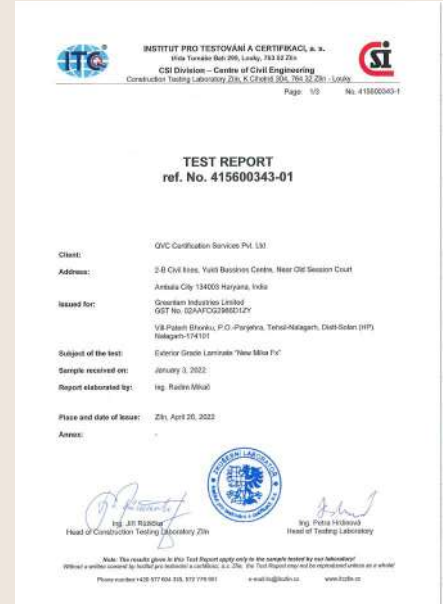
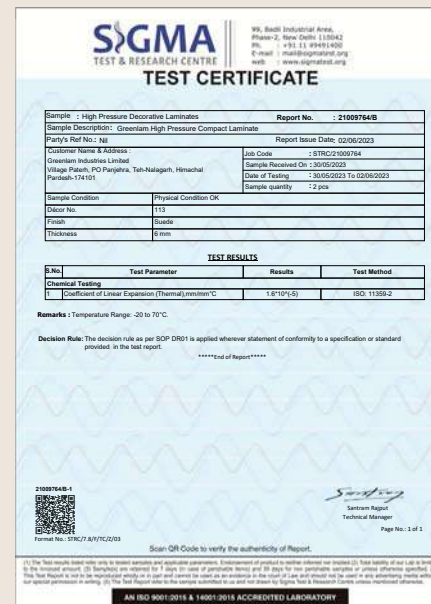




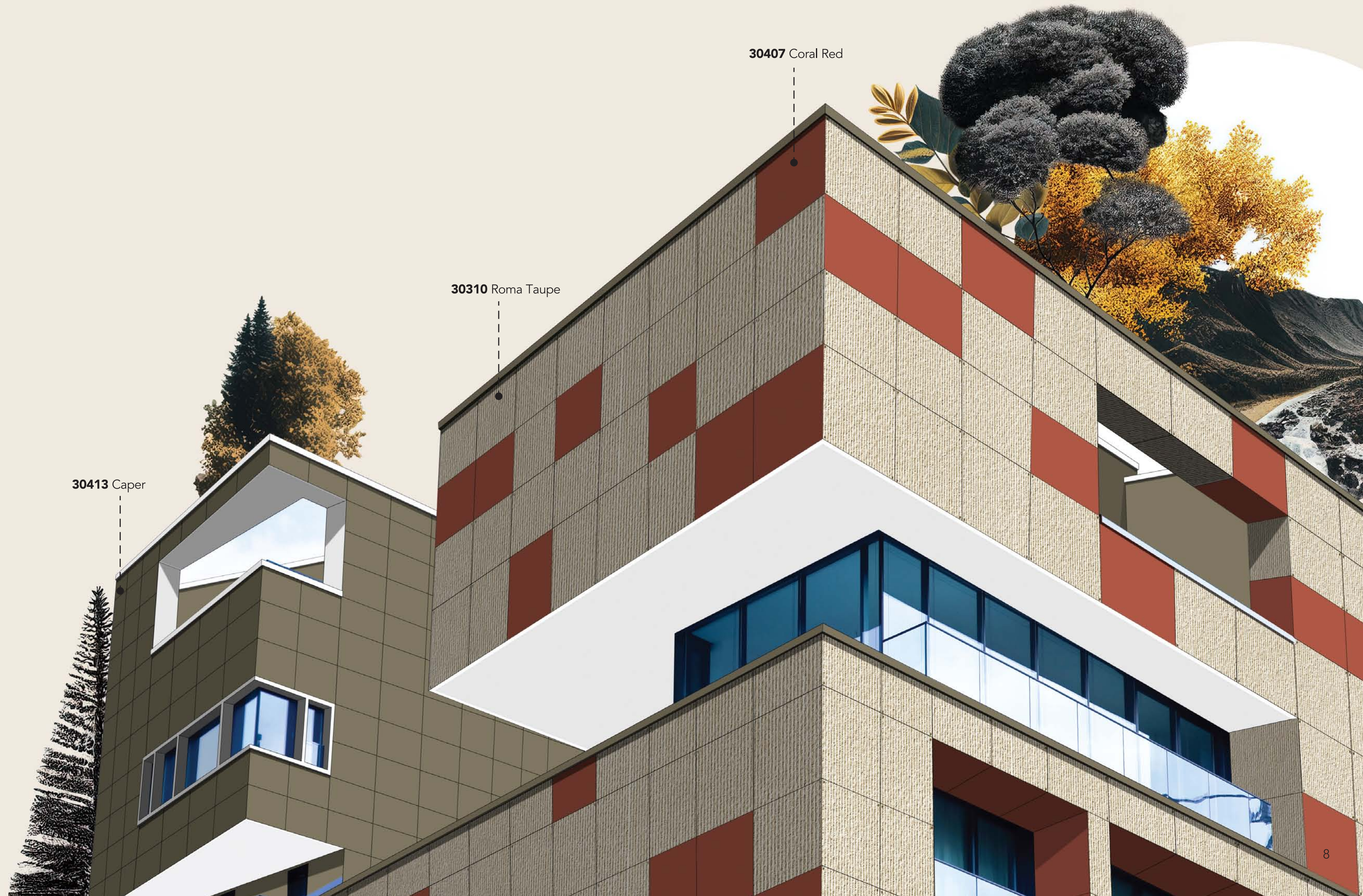
# FEATURES



## QUALITY ASSURANCE



To know more about test reports  
Please scan the QR code above or visit  
[www.newmika.com/exterior-panels](http://www.newmika.com/exterior-panels)



30407 Coral Red

30310 Roma Taupe

30413 Caper



# APPLICATIONS

## Meet the Multifunctional NewMika FX

NewMika FX offers a range of application possibilities. It can adorn a myriad of external surfaces, giving a new personality to that space.



# SEGMENTS



Residence



Shopping Mall



Hotel



Office Building



Store



Train Station



Airport



Bus Terminus



# COLLECTION

Choose from a plethora of exquisitely crafted design range for your exteriors. The collection offers styles under three categories: Timeless Wood, Bold Abstract and Robust Solid.

## WOOD

With classic woodgrain patterns adorning your space, bring alive the exuberance of nature.



## ABSTRACT

Embrace the exotic range of abstract designs and attractive patterns to add a contemporary twist.



## SOLID

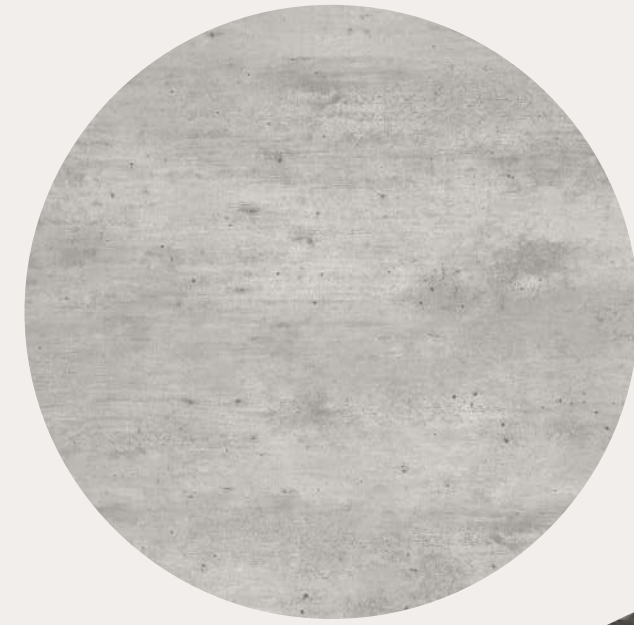
Deck your space with solid yet vibrant colours to make a bold statement.







# ABSTRACT



**30315** Cracked Cemento Light



**30304** Rustic Copper



**30316** Cracked Cemento Dark

Application images shown are for illustration purpose only,  
Actual colour and finish may vary, please refer to the actual samples for final selection.





30313 SUD Troy Rust **NEW**



30314 SUD Troy Cement **NEW**



30316 SUD Cracked Cemento Dark **NEW**



ABSTRACT



30310 SUD Roma Taupe **NEW**



30311 SUD Roma Brown **NEW**



30315 SUD Cracked Cemento Light **NEW**



ABSTRACT





**30307 SUD** Pietra Grey



**30308 SUD** Afro Marbella



**30309 SUD** Terrazzo Naturalle



ABSTRACT



**30301 SUD** Carentec Blight



**30303 SUD** Mildew Cemento



**30305 SUD** Oxy Steel

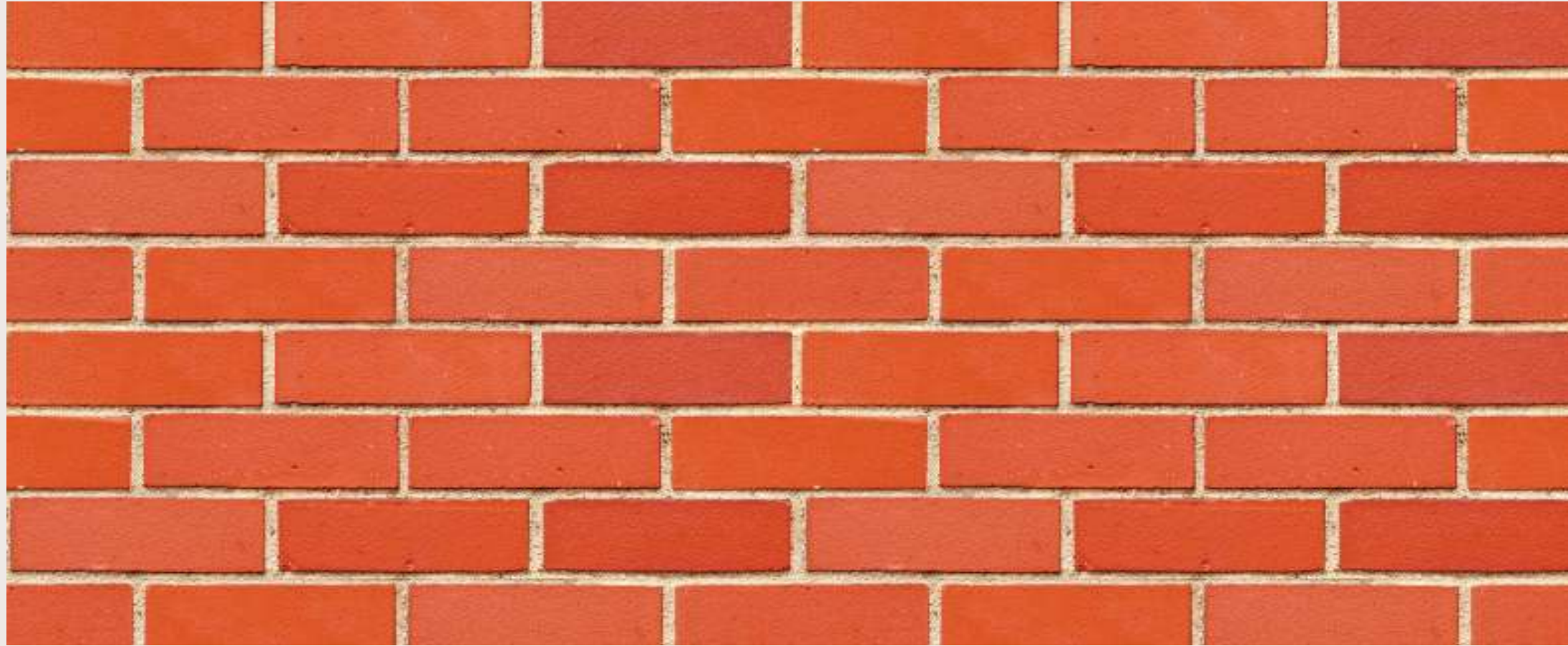


**30304 SUD** Rustic Copper

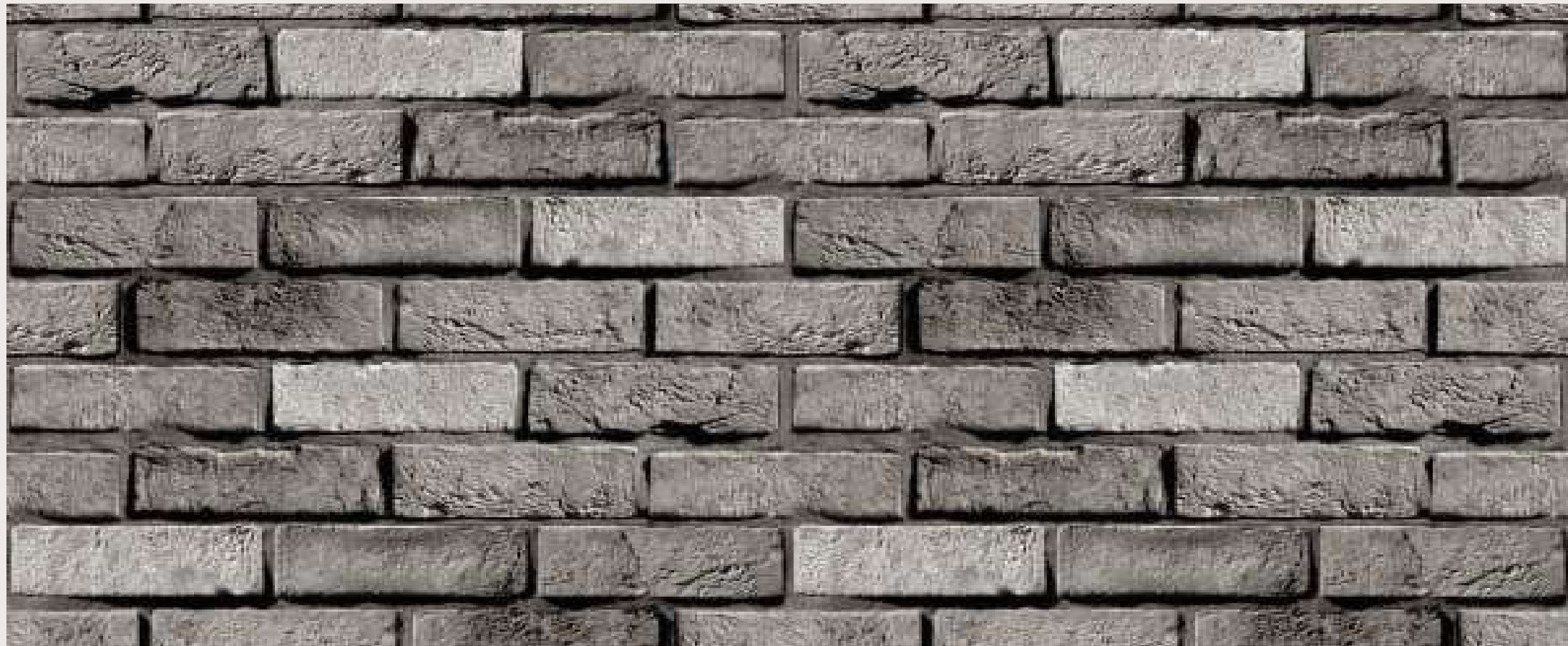


ABSTRACT





30501 SUD Flemish Wall Horizon **NEW**



30504 SUD Flemish Wall Midnight **NEW**

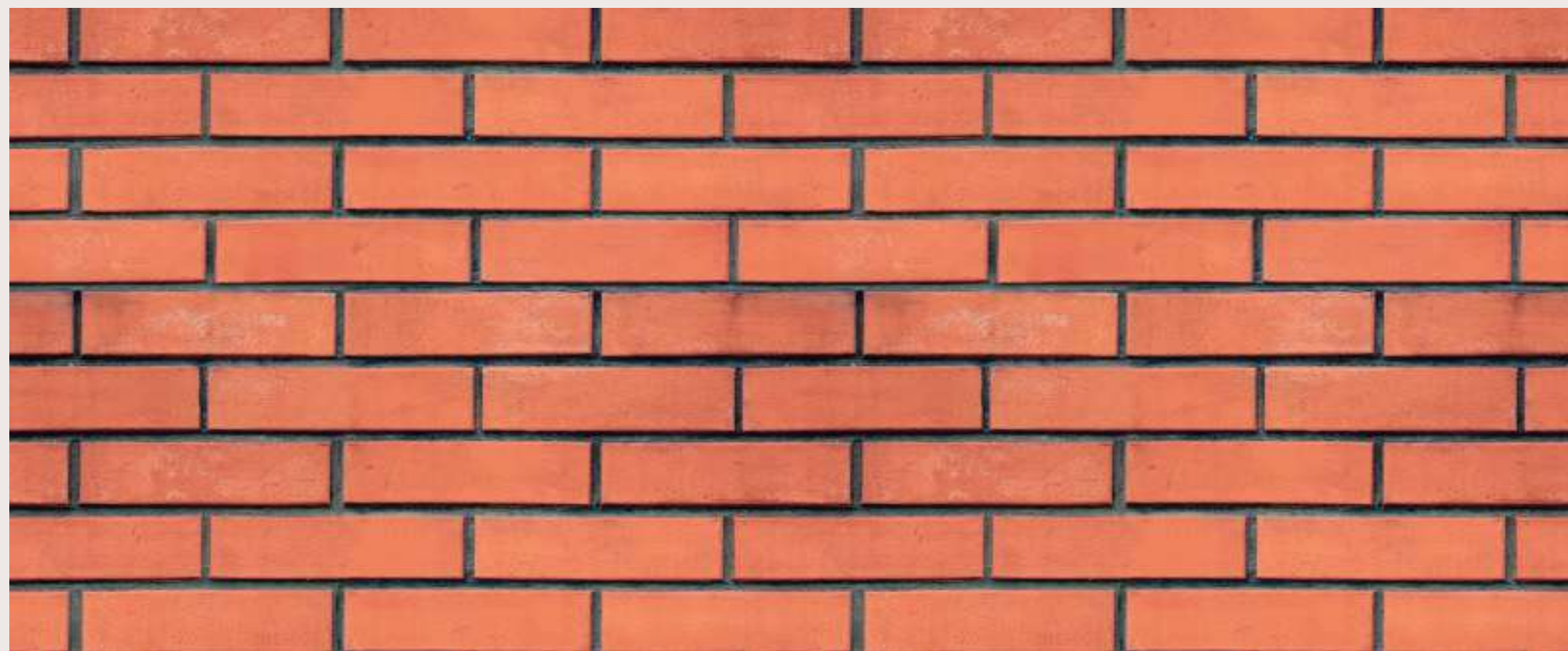


## ABSTRACT-FLEMISH BRICK BONDS

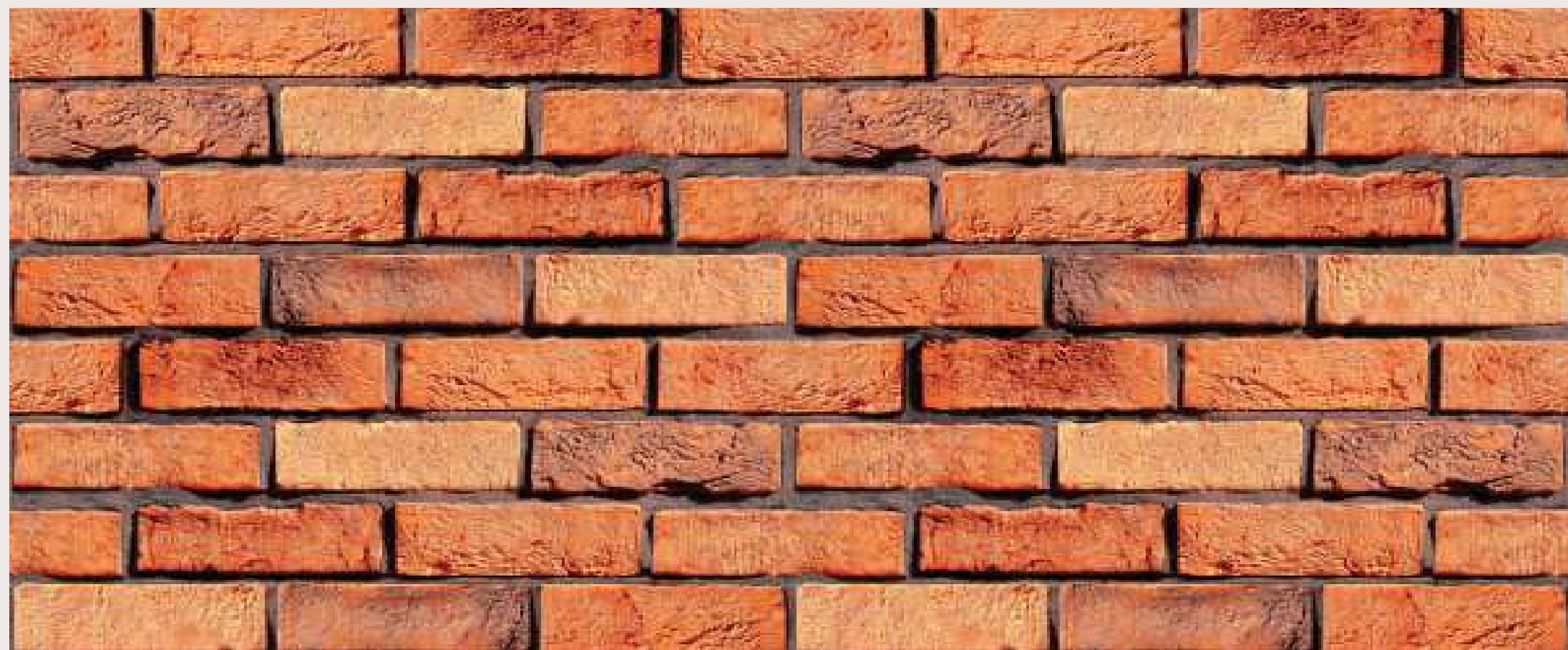


## ABSTRACT-FLEMISH BRICK BONDS





30502 SUD Flemish Wall Dusk **NEW**



30503 SUD Flemish Wall Sunrise **NEW**



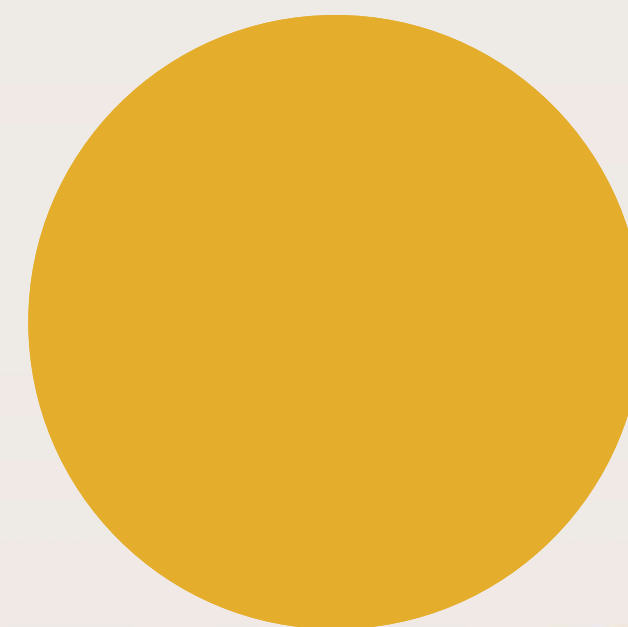
## ABSTRACT-FLEMISH BRICK BONDS



## ABSTRACT-FLEMISH BRICK BONDS



# SOLID



**30406** Tawny Mustard



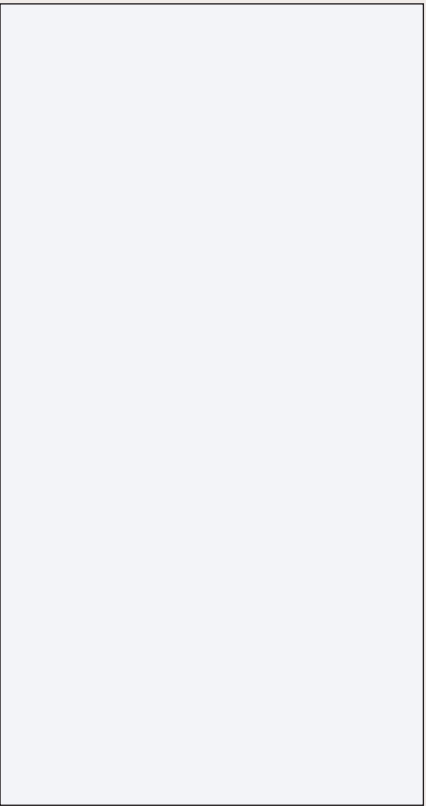
**30409** Robin Blue Lapis

Application images shown are for illustration purpose only.  
Actual colour and finish may vary, please refer to the actual samples for final selection.





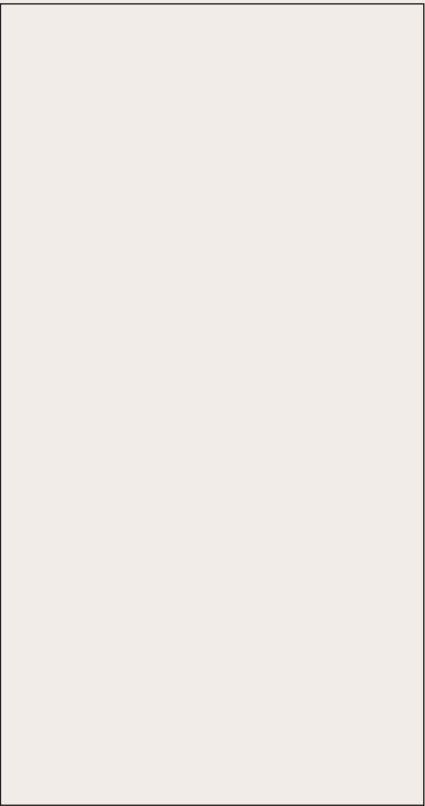
30407 SUD Coral Red



30401 SUD Sea White



30413 SUD Caper **NEW**



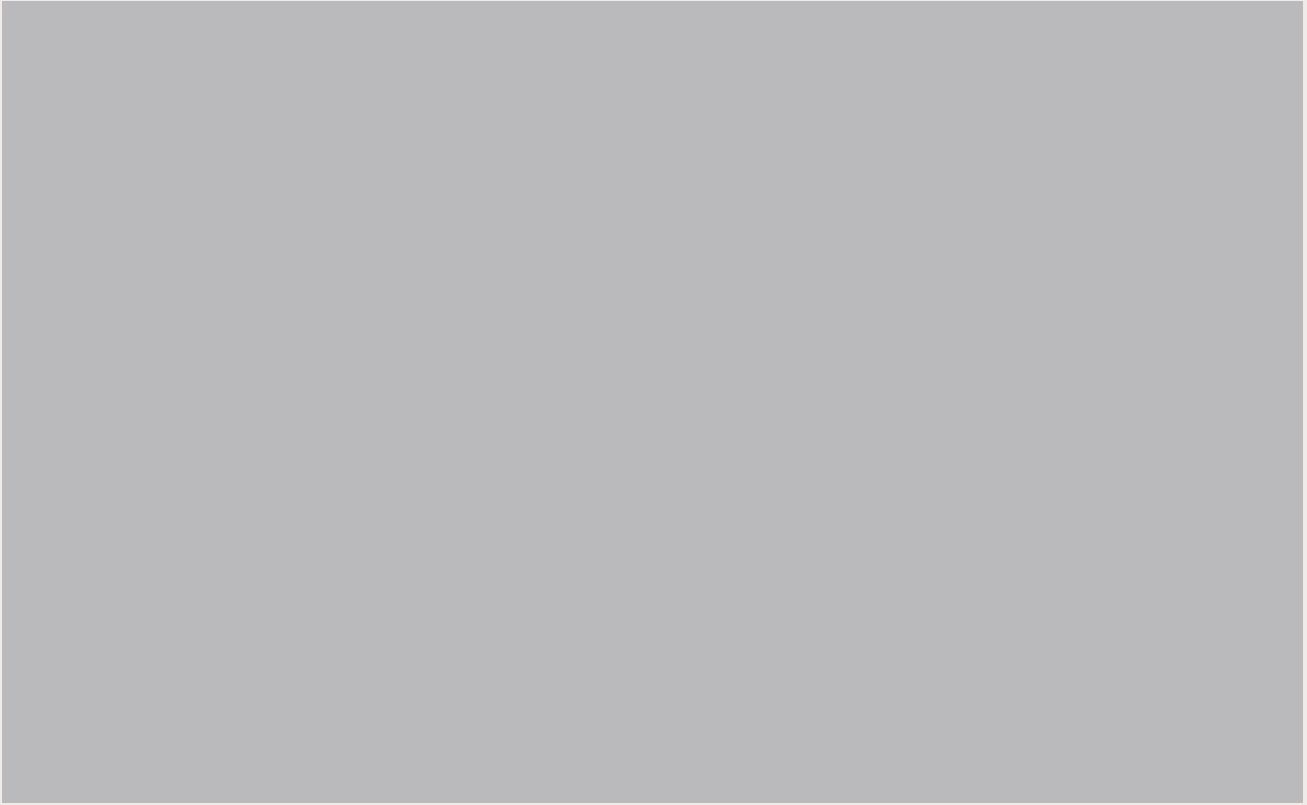
30402 SUD Surreal White



30404 SUD Tawny Taupe



30410 SUD Freur Grey



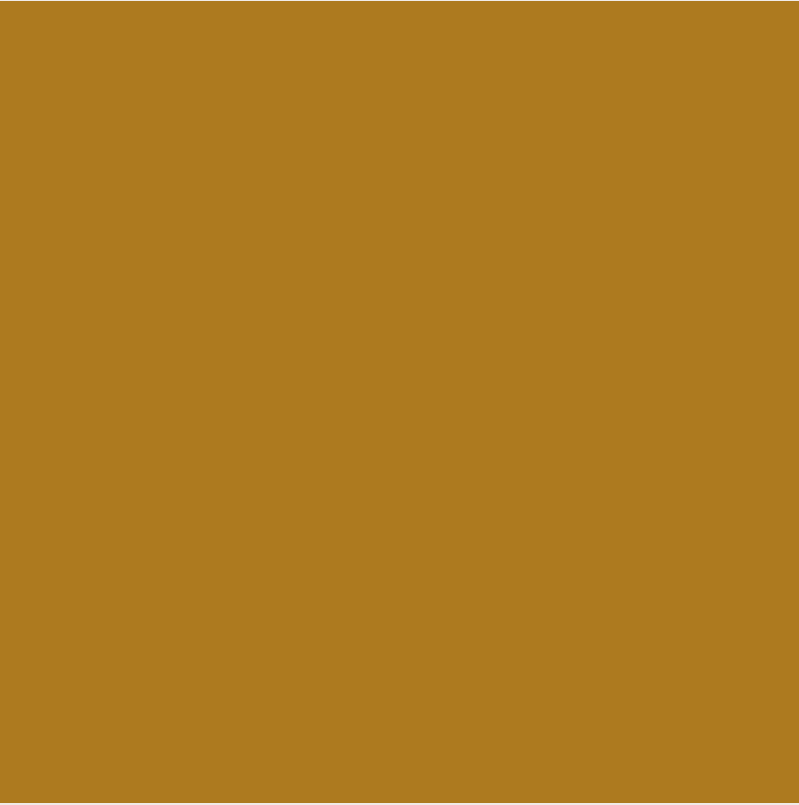
30403 SUD Twill Grey



30409 SUD Robin Blue Lapis



30405 SUD Woody Beige



30406 SUD Tawny Mustard



30412 SUD Basil Brown **NEW**



SOLID

SOLID



# WOOD



**30113** Coastal Walnut



**30119** Cairo Dark

Application images shown are for illustration purpose only,  
Actual colour and finish may vary, please refer to the actual samples for final selection.





30116 SUD Greenwich Pine **NEW**



30118 SUD Cairo Light **NEW**



30119 SUD Cairo Dark **NEW**



WOOD



30117 SUD Noce Siwa **NEW**



30115 SUD Besai Walnut



30114 SUD Redo Walnut



WOOD





**30113 SUD** Coastal Walnut



**30103 SUD** Walapter Oak



**30105 SUD** Cherry Glow



WOOD



**30108 SUD** Dark Rosewood



**30109 SUD** Fresh Mahogany



**30110 SUD** Urban Wood



**30107 SUD** Unique Teak



WOOD



INTRODUCING  
NEWMIKA FX<sup>TM</sup>  
DESIGN LAB



Experience the bespoke solution to visualize your building's exterior with Newmika FX collection.

Follow 3 simple steps to avail the service by connecting with our Sales Representative:

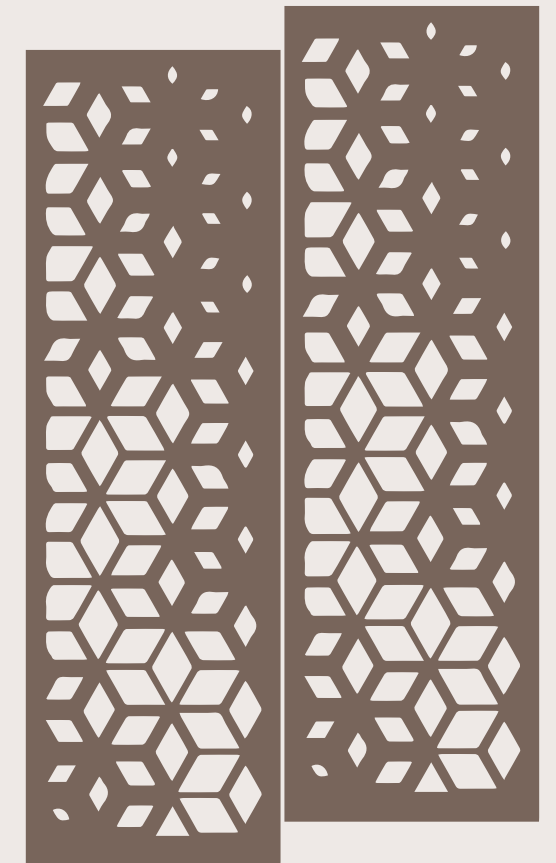
- 1 Simply capture a photo of your project with your smartphone.
- 2 Select the Newmika FX designs as per your choice from the range or take our Design Lab expert advice.
- 3 Get your project visualized with multiple options within 48 hours.

Choose the best-in-class makeover of your project. With NewMika FX sculpt your exteriors and witness them transform them into reality.

# INFINITE POSSIBILITIES

What's unique about **NewMika FX** is its ability to adapt as per your requirements. Each exterior panel can be tailor-made and modified with cutting-edge CNC customisation. All you have to do is pick a geometrical shape (made of straight cuts), an abstract pattern or a perforable design. The rest will be managed, packaged and delivered by us.

Connect with your NewMika FX representative to know more and explore the possibilities.





# MATERIAL HANDLING

## CLEANING

MAINTENANCE: CLEANING



The NewMika FX panels are amazingly easy to maintain as most dirt can be removed simply by wiping with a damp cloth or sponge. The more stubborn stains can be handled with any suitable household detergent. The UV-resistant panels can be cleaned with alcohol-based cleaners, but it's always a good practice to test-clean an unobtrusive area before undertaking complete cleaning. Products containing abrasives are not recommended for use with NewMika FX. Pressure washing will also present no problem; just be mindful that the jet should be directed from the bottom to top of each panel then laterally at a distance of 20-30cm, finishing with a rinse of clean water. Jet wash pressure should not exceed 100 bar and water temperature should be no higher than 90-100°C.

Although the adhesion of inks/paints is very low on the NewMika FX Panels, we recommend not to clean the surface dry or by using any tools. The risk of damaging the special top polymeric surface is too high. Alternatively, solvent cleaners could be used for removing varnishes, paint sprays (graffiti), and other similar stains and marks.

## TRANSPORT AND HANDLING



The NewMika FX panels offer exceptional durability. While in storage or handling, however, the surfaces and edges can be damaged if managed poorly. The panels are supplied with a foil protection covering, but it's recommended that when stacked, dust and larger particles should be removed from between the panels. Stack the panels with the thicker end at the bottom and be careful not to overload the stack.

The protective foil should not be exposed to continual direct sun or heat.

Points to remember:

- NewMika FX must be secured against slippage during transport.
- When loading or unloading, the panels must be lifted not dragged.
- Do not push or pull them over the edge.
- Installation protection films must be removed from both the surfaces immediately after the installation.

## STORAGE AND CONDITIONING



NewMika FX panels must be stacked horizontally on flat, balanced supports and supporting panels. The goods must lie completely flat. After removal of panels or cut panels, PE films must be closed over the stack once again.

Incorrect storage can lead to permanent deformation of the panels. NewMika FX panels are to be stored in closed rooms under normal climatic conditions, duly wrapped with PE film. Climate differences on the two surfaces of a panel are to be avoided.

- Stacking of NewMika FX panels should done up to 250mm in height (numbers may vary depending on the thickness of panel).
- Stacking should be done on sturdy raised platform.

# DO'S AND DON'TS TRANSPORTATION AND HANDLING



### DO's

Ensure storage of NewMika FX in dry, clean, frost-free and enclosed warehouses where normal interior conditions (18° - 30° and 50-65% relative humidity) are maintained.

Cover the top board of each stack with a moisture barrier / cover board with sufficient weight to remain flat and in contact with the whole surface area of the top.

The panels or cut panels must be stored on a rigid and levelled surface that ensures support across the surface area.

NewMika FX will remain flat when stored horizontally in packs on a flat base board with its edges flush with one another.

Allow time for the stack of the panels or cut panels for conditioning at the fabrication site and allow them to reach equilibrium with the environment

Try and keep the protection peel coat film till the installation is complete to avoid scratches, surface stains, dust etc.

In case it is required to remove the protection peel coat film, please ensure that the film applied on both sides is removed at the same time.



### DON'Ts

Don't stack the panels in open yards or expose the stacks to sunlight and rainfall directly till they are fabricated and installed.

Don't allow the panels to rest on moisture absorbing supports like paper, cloth, or gunny bags. The base board must be dry and should ideally be covered with a material impervious to water to act as a moisture barrier.

Don't keep the panels or cut panels in a leaning position against walls, supports, or board stacks. This would cause the panels to warp.

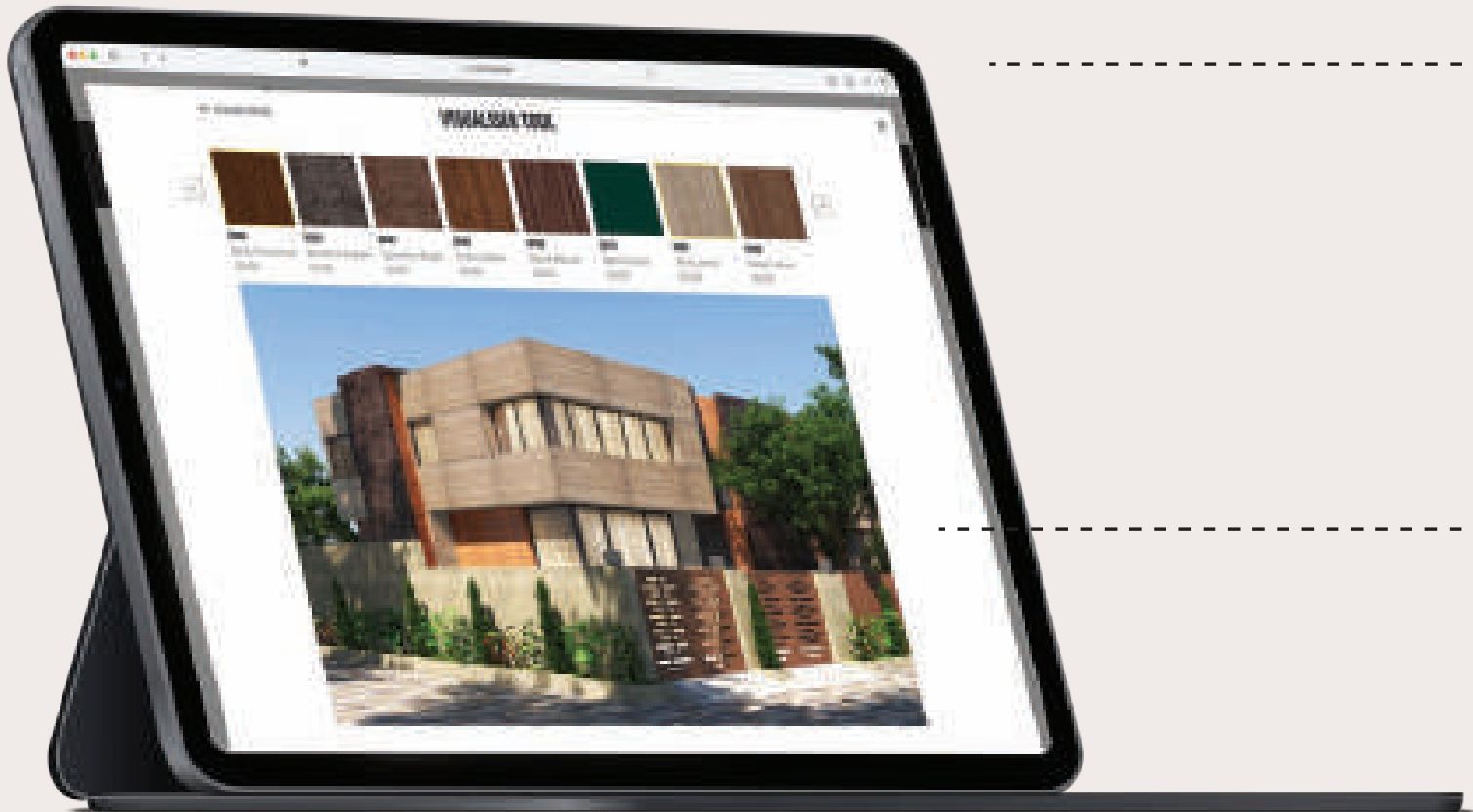
Failure to store NewMika FX properly, for any length of time, can cause deformation which is almost impossible to rectify.

Don't attempt to fix the panels immediately after cutting and routing. This can lead to warping or twisting. Allow them to condition in the environment for few hours.

Never keep one side's film intact and remove the film from the other surface. This causes an imbalance in the panel and can lead to warp.



# VISUALISER



Choose any  
Décor

Result

The Visualiser Tool lets you apply any decor from our collection and a façade to see how it really looks on an exterior space.

Scan the QR code to visit the NewMika website and experience the NewMika FX Visualiser.



Scan QR Code

# COMPARISON CHART

NEWMIKA FX in comparison to other cladding materials

	NEWMIKA FX EXTERIOR GRADE COMPACT PANEL	HARDWOOD	ACP	GLASS	STONE	TILE
Fire-retardant	●			●	●	●
Easy to maintain	●		●			●
Quick & easy installation	●	●	●			●
Durability	●				●	●
Ant-graffiti	●					
Energy efficient	●					
Chemical-resistant	●					
Corrosion-resistant	●					
Customisable	●					



TECHNICAL  
SPECIFICATION

PROPERTIES	TEST STANDARD	UNIT	SPECIFIED VALUES	TYPICAL TEST VALUES	SPECIFIED VALUES	TYPICAL TEST VALUES
Classification	EN 438-6-Cl. 4: 2016		EXTERIOR, SEVERE USE FLAME RETARDANT GRADE, EDF			
PHYSICAL & DIMENSIONAL PROPERTIES						
Nominal Thickness		mm	6.0		8.0	
Thickness Variation	EN 438-2 – 5	mm	6.0 ± 0.40	6.0 ± 0.30	8.0 ± 0.50	8.0 ± 0.35
Length and width Variation	EN 438-2 – 6	mm	1220 X 2440 +10mm /-0mm	+5mm /-0mm	+10mm /-0mm	+5mm /-0mm
Edges Straightness	EN 438-2 – 7	mm/M	1.5 (max)	≤ 1	1.5 (max)	≤ 1
Edges Squareness	EN 438-2 – 8	mm/M	1.5 (max)	Complies	1.5 (max)	Complies
Flatness	EN 438-2 – 9	mm/M	5.0 (max)	Complies	5.0 (max)	Complies
Density	EN ISO 1183 -1:2004	g/cm³	1.35	1.38	1.35	1.38
Dimensional Stability at Elevated Temperature	EN 438-2 -17					
Longitudinal Direction		%	0.30 (max.)	0.18	0.30 (max.)	0.17
Transverse Direction		%	0.60 (max)	0.38	0.60 (max)	0.35
MECHANICAL PROPERTIES						
Resistance to wet conditions, Increase in mass	EN 438-2 : 15	%	8.0 (max)	4.1	8.0 (max)	4.0
Surface Rating		Rating	4 (min)	5	4 (min)	5
Edge Rating		Rating	3 (min)	3	3 (min)	3
Resistance to climatic shock	EN 438-2 : 19	Rating	Appearance -4 (min)	4	Appearance -4 (min)	4
		Index	D <sub>s</sub> – 0.80 (min)	≥ 0.95	D <sub>s</sub> – 0.80 (min)	≥ 0.95
		Index	D <sub>m</sub> – 0.80 (min)	≥ 0.95	D <sub>m</sub> – 0.80 (min)	≥ 0.95
Resistance to Impact by Large Diameter Ball						
Drop Height	EN 438-2 -22	mm	1800	2000	1800	2000
Diameter of Indentation		mm	10 (max)	7	10 (max)	7
Flexural Strength	EN ISO 178:2003	Mpa	80 (min)	100	80 (min)	100
Flexural Modulus	EN ISO 178:2003	Mpa	9000(min)	10700	9000(min)	10700
Thermal Conductivity	EN 12524:2000	W/M²K	No requirement	0.24	No requirement	0.24
Resistance to fixing (Screw pull out strength)	ISO 13894-1; 9	N	2000 (min)	≥2000	2000 (min)	≥2000
SURFACE PROPERTIES						
Resistance to UV Light, after 1500 hours exposure	EN 438-2-28	Rating	Grey Scale contrast-3 (min)	3~4	Grey Scale contrast-3 (min)	3~4
			Appearance- 4 (min.)	4~5	Appearance- 4 (min.)	4~5
Resistance to artificial weathering including light fastness, after 650 MJ/M² Radiant exposure	EN 438-2-29	Rating	Grey Scale contrast-3 (min)	3~4	Grey Scale contrast-3 (min)	3~4
			Appearance- 4 (min.)	4~5	Appearance- 4 (min.)	4~5
FIRE PERFORMANCE						
Reaction to Fire	EN 13501-1	Euro class	B-s2, d0	B-s1, d0	B-s2, d0	B-s1, d0
Calorific Value	. ISO 1716: 2010	MJ/kg	19.91 (max)	19.88	19.91 (max)	19.88
HEALTH CHARACTERISTICS						
Anti-bacterial Efficacy & activity	JIS 2801-2012					
% Reduction in 24 hours		%	95.0 (min)	99.99	95.0 (min)	99.99
Activity after 24 hours		Log Reduction	2.0 (min)	Exceeds	2.0 (min)	Exceeds
Anti-Fungus Efficacy	ASTM G-21-2015					
Growth after 28 days		Class	1	0 (No Growth)	1	0 (No Growth)

CLASS (RATING): 1 = Surface Damage; 2 = Severe appearance alteration; 3 = Moderate Change; 4 = Slight change visible from certain angle; 5 = No Change

- 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

Limited Warranty: Greenlam Industries Limited warrants to the original buyer that NewMika FX Panel will be free of defects under normal, proper and intended usage, within acceptable manufacturing specification, buyer’s remedy in case of claims, as a result of defective panel, shall be limited to only the replacement of panel by Greenlam Industries Limited.

CORPORATE OFFICE

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NORTH EAST: 7099032998 | ODISHA: 6742394230 | PUNE: 8407970710 | PUNJAB & J&K: 8284902988 | RAJASTHAN: 8306995691 | WEST BENGAL: 6292246788



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