



DEEWAAR



“When the forest and the city are functionally indistinguishable, then we know we have reached sustainability.”

- Janine Benyus

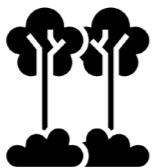
CARBONCRAFT

CONVERTING INDUSTRIAL REMNANTS TO BUILDING MATERIALS

At CarbonCraft, we are on a mission to combat climate change by developing various carbon negative building materials. We believe in constructing urban spaces with low carbon footprint materials, crafted from industrial byproducts. Our goal is to empower progressive Architects, designers, and builders to create beautiful, sustainable buildings using low carbon footprint materials that redefine construction for a better future.



Recycled
Materials



Impact



Design

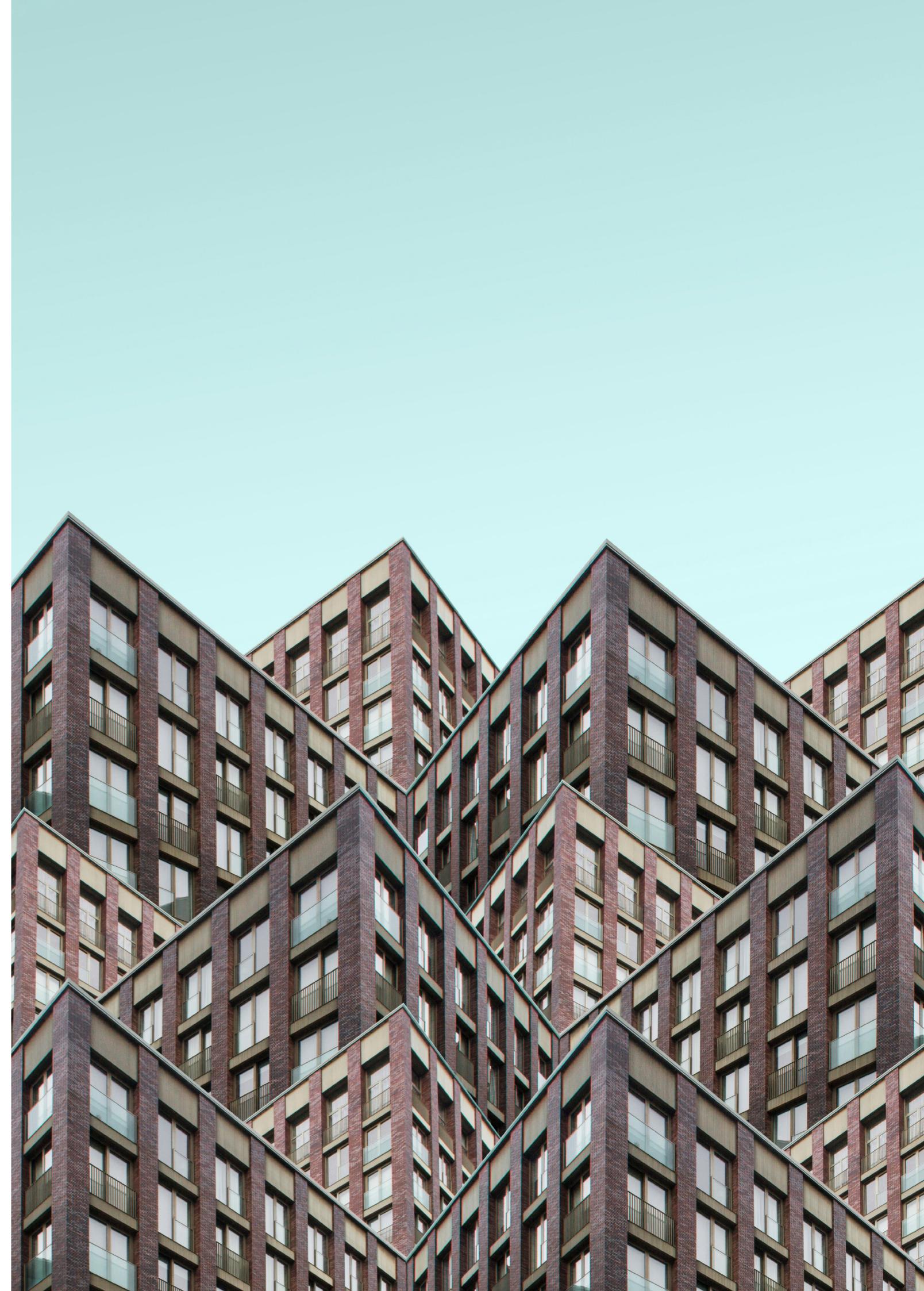


Durable

DEEWAAR



**INDUSTRIAL
ORIGINS**
TO DOWNRIGHT
GORGEOUS WALLS



SUSTAINABILITY

ENVIRONMENTAL

Upcycling, design, and craftsmanship are at the heart of what we do. Beyond mere functionality, we aim to demonstrate that Industrial byproducts can be transformed into a valuable resource, unlocking a world of unexpected aesthetics, textures, and colours. Composed of at least 95% Industrial byproducts, Deewaar repurposes 1.9 kg of Industrial byproducts per square feet, redefining sustainability in design.



=



One sq ft of
CarbonCraft tile

0.37 kgCO₂e
emissions

SOCIAL

Deewaar uplifts the livelihood of the local artisan families by using their generational know how of 200 year old handcrafting technique to solve new age problems like climate change which has been only been tried to solve through technology. Each mural is meticulously handcrafted with elegance, designed to craft decarbonization stories while offering a premium range of stunning, sustainable tiles.

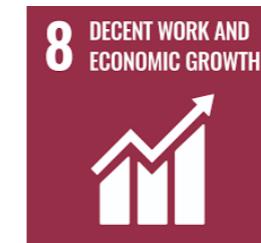


Hand crafted



Local empowerment

SDG GOALS



CarbonCraft supports 200-year-old handcrafted and stencil-making traditions, fostering inclusive and productive employment opportunities for all.

Our ambitious vision is a circular world where industrial byproducts are synonymous with raw material: cities and their buildings are constructed of building materials that are made from 100% waste.

With our Deewaar wall range, we are focusing primarily on the use of industrial byproducts as resources instead of digging up natural and limited resources.

Ensuring sustainable production by deploying low energy intensive methods of tile making process and upcycling waste.

CarbonCraft's active efforts on utilising low-energy intensive technology and developing various carbon-negative building materials for combating climate change.

WHY USE CarbonCraft



Durable



Customisable



Affordable



Sustainable



Fire
Resistant



UV
Resistant

DEEWAAR

WHERE WALLS BECOME ART, & SURFACES NARRATE STORIES

“Deewaar” transforms industrial byproducts into a beautiful canvas that narrates the decarbonisation story.

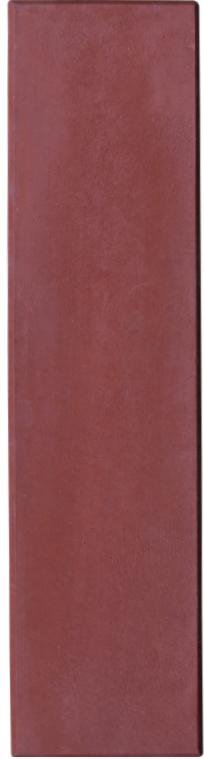
Made from 95% industrial byproducts, these murals are handcrafted and offering bespoke finishes, colours, and shapes. Designed to be lightweight and slim, Deewaar provides endless customization options with a wide range of colours and finishes. The product stands out due to its innovative composition and the advanced techniques used to convert industrial byproducts into high-quality, consistent materials.

Deewaar underscores the power of individual actions to drive meaningful environmental change, creating spaces that inspire and restore. Create a sustainable and artistic environment with Deewaar, where each tile tells a story of environmental transformation.



PRODUCTS

SLATE



Satin Matte

240 x 60 x 10mm

MONO



Blast

225 x 75 x 10mm

CONTOUR



Stone

210 x 60 x (10-20)mm

SLATE brings timeless elegance with its sleek, thin design carefully crafted to enhance modern spaces, these combine the natural beauty of slate with a refined, minimalist aesthetic. Providing versatility, durability, and sustainability, making it an exceptional choice for those seeking beauty and functionality in their design.

MONO is crafted by skilled artisans, showcasing its unique, flat & imperfect textures that improve with age. Mono pushes the boundaries of design, offering unparalleled flexibility and a sustainable edge for modern spaces.

CONTOUR Inspired by the raw beauty of nature's landscapes, our Contour range brings warmth and tactile richness with its organic imperfections, adding depth and character to any space. Contour embraces the natural irregularities of stone, celebrating raw, organic textures that pair effortlessly with architecture.

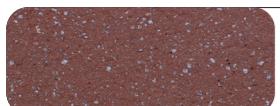
FINISHES



Satin Matte



Satin Matte



Blast



Blast



Rough



Stone

Each range offers a selection of three finishes to suit diverse styles. Mono and slate are available in blasted, and satin matte textures that highlights its handcrafted charm. Contour embraces the natural irregularities of stone, celebrating raw, organic textures that pair effortlessly with modern architecture.

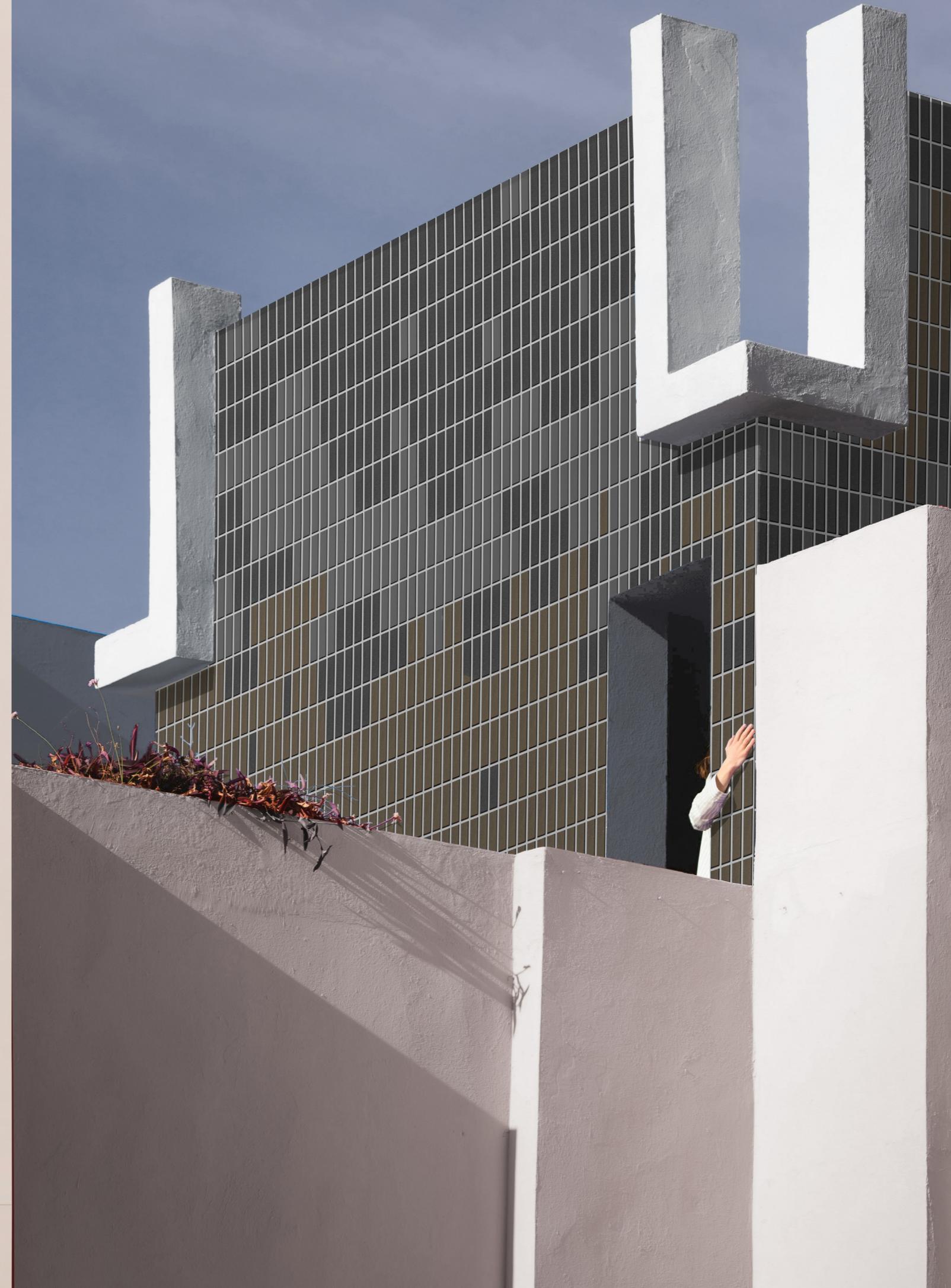
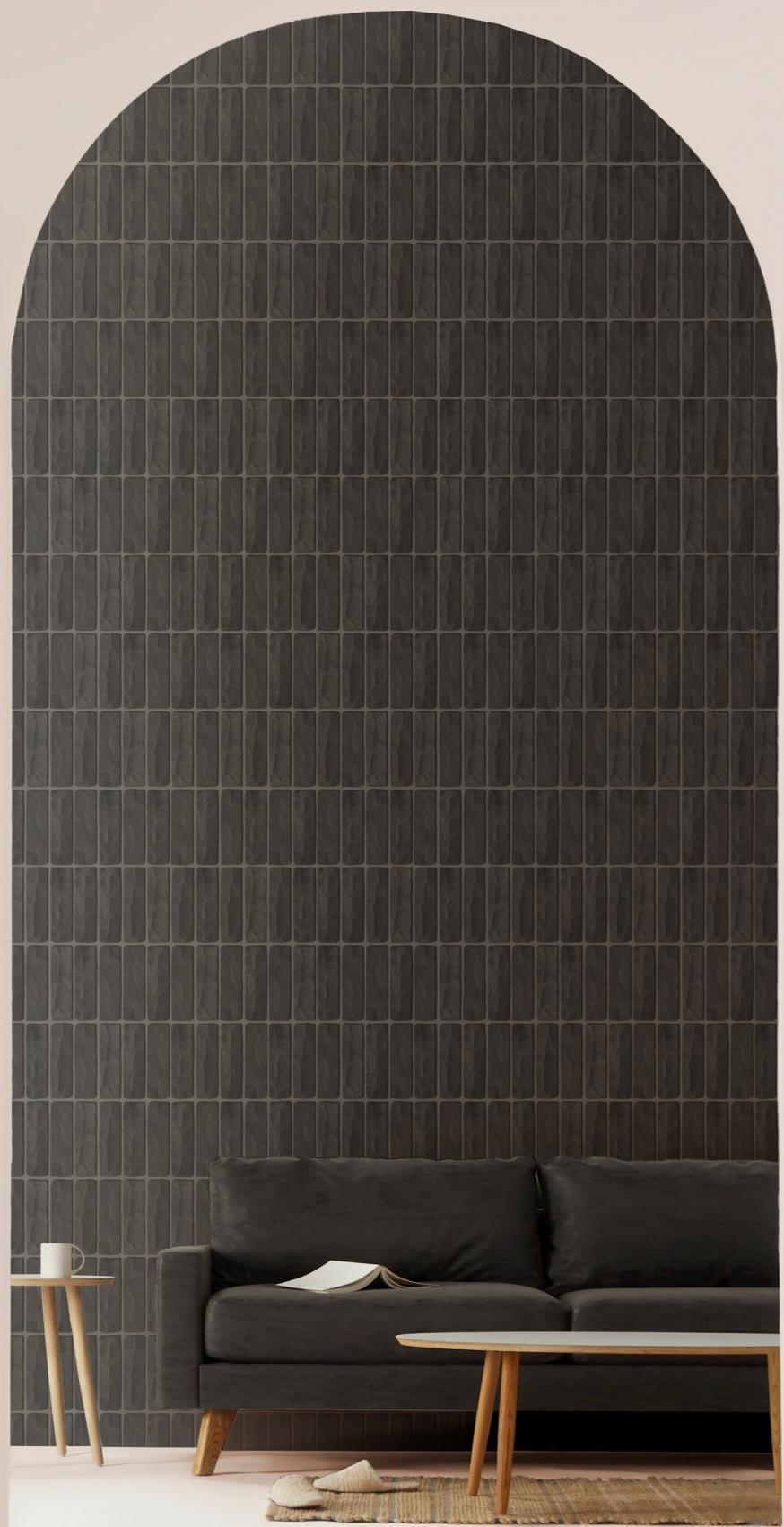
Based on the design thickness varies between 10-20mm

NOTE

The above are the featured colours for this particular tile; Refer Chromatics to view all the available colour options







CARBON MURAL WALL

BESPOKE RANGE

A new medium to explore – Carbon Wall - These wall tiles can create countless designs, with only three shapes and five shades. Through Carbon Wall Tiles, we would encourage a shift in perspective on art of wall making, and not just the making of wall art.

ARRANGEMENT



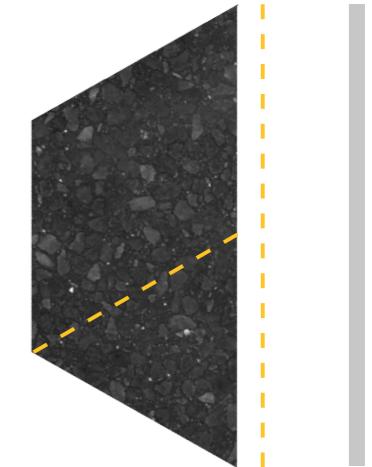
COMPOSITION



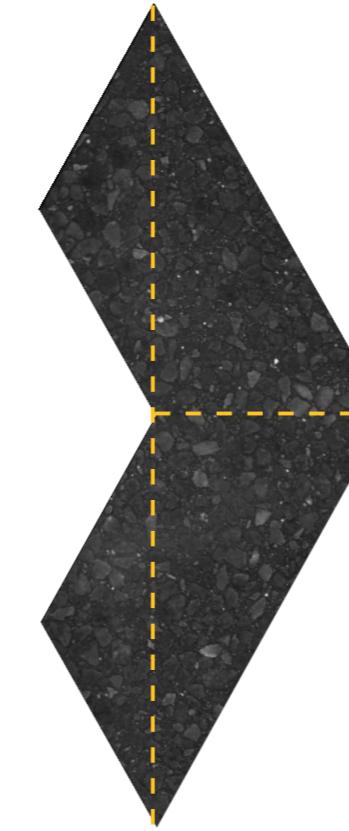
MURAL DIMENSIONS



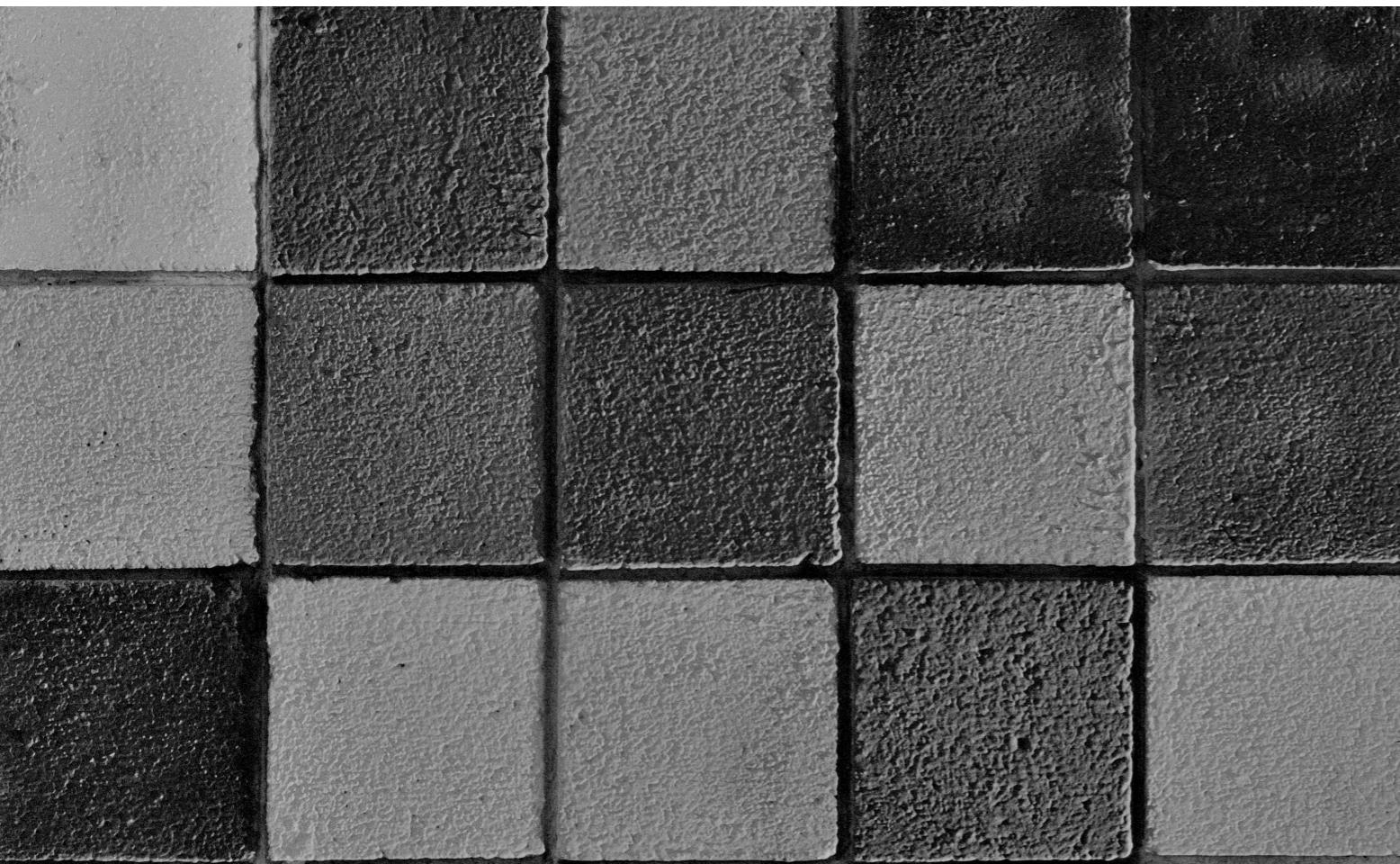
L 173.21 x B 100 x T 15mm



L 200 x B 100 x T 15mm



L 346.41 x B 100 x T 15mm

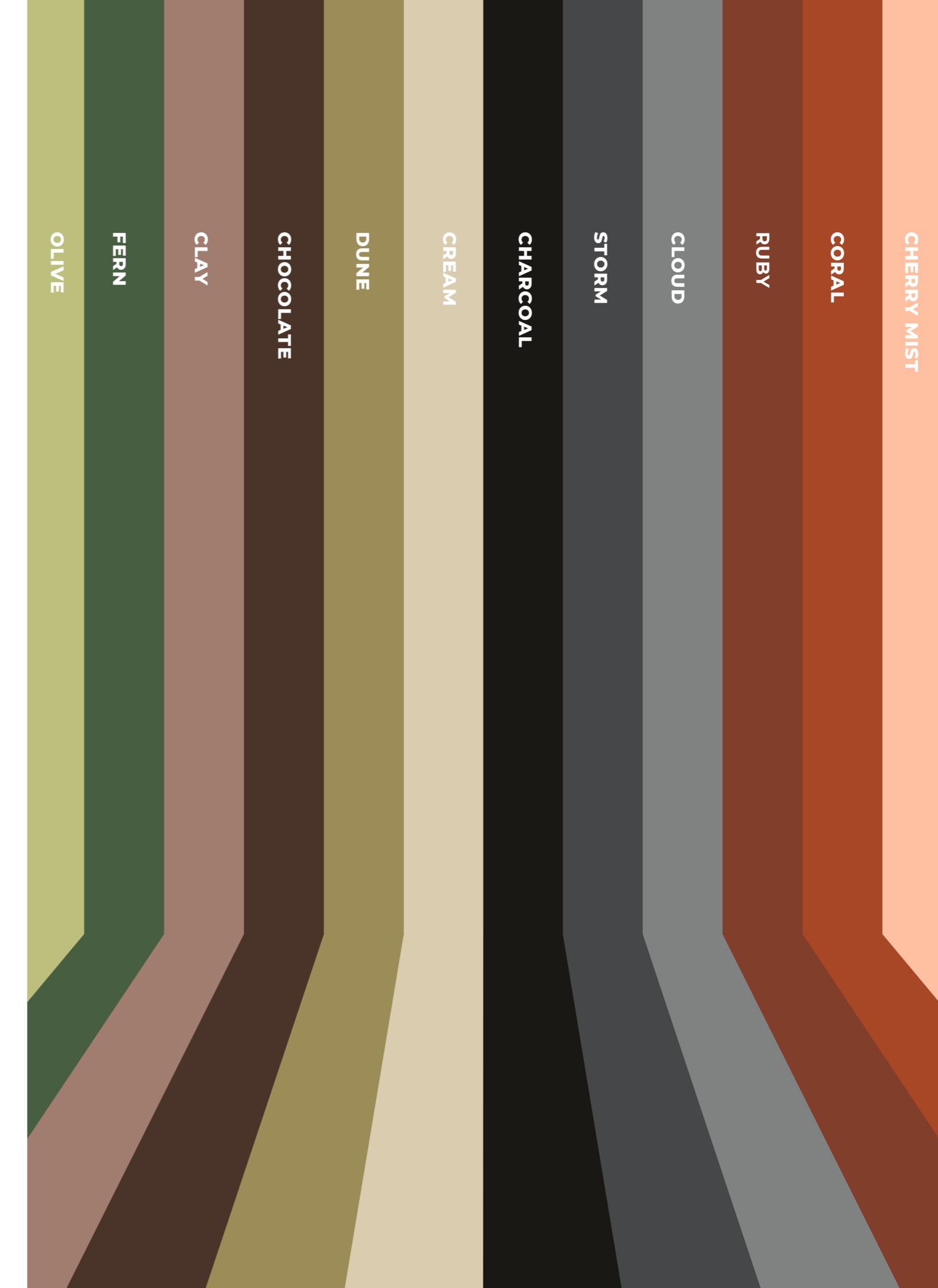




CHROMATICS

EARTH'S ESSENCE TRANSFORMED INTO STUNNING SHADES.

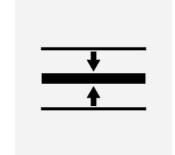
Our colour palette is a vivid narrative that draws inspiration from the landscapes around us and the connection between people and nature. Each shade has been thoughtfully chosen to reflect the raw beauty of the earth, from the earthy reds and browns that capture the warmth of the soil, to the deep blacks and soft pastels that evoke the sky, the sea, and the mountains. These colours are more than just hues—they are the stories of the environments we inhabit, and the tones that people choose to bring their spaces to life.



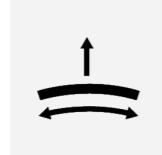
NOTE

The colors shown aim to provide a general idea of the tile's look, but slight variations may occur due to natural composition of materials, handmade processes, and screen differences. These variations reflect the unique character of our products. We recommend reviewing physical samples for accurate selection before buying. Thank you for appreciating the authenticity of our product.

TECHNICAL DETAILS



Thickness
10-20mm



Breaking Strength
2.5 Mpa



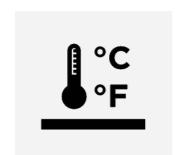
Water Absorption
> 1.5 %



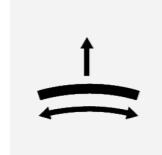
Application
Wall



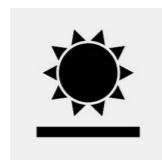
Fire Resistance
A1



Thermal Resistant



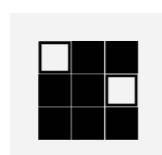
Compressive Strength
35 Mpa



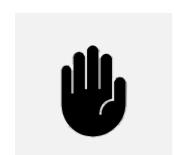
Efflorescence
Nil - Slight



Abrasion Resistance



Color Variation
V2



Dimensional Deviations
+/- 1.5 mm



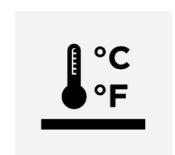
Frost Resistant



Surface Quality



UV Resistant



Adhesion appropriate

FAQ'S

What materials are used in Deewaar?

Deewaar range is made using 95% Industrial byproducts from the steel and cement industry, making them a sustainable choice for residential and commercial spaces.

Are Deewaar claddings suitable for both indoor and outdoor application?

Yes, Deewaar range is versatile and can be used for both indoor and outdoor application, with a typical water absorption capacity of 1.25%, it is essential to apply proper waterproofing and sealing to enhance durability against outdoor elements such as rain and temperature fluctuations.

Does Deewaar come in custom shapes and sizes?

Yes, Deewaar can be customised to any shape or design, based on project scale, timeline, and a minimum order quantity. Please contact us to discuss your specific requirements.

What is the minimum order quantity?

To keep things cost-effective and environmentally friendly, we have the following minimum order quantity:

- 500 sqft for the standard Deewaar range.
- 10,000 sqft for customised claddings.

What is the production time for Deewaar post-order confirmation?

The standard manufacturing time is one week; however, it may vary depending on the order quantity. For larger orders, the timeline will be communicated accordingly.

Do you ship worldwide?

Speak to us directly about any projects outside the India, so we can better understand your applications and any relevant certification requirements, together with shipping options and embodied carbon considerations. We aim to roll out international manufacturing and distribution operations over the next few years.

How do I request a sample?

Contact our sales team at business@carboncraftdesign.com to discuss the requirements for your project. We would love to send you a sample fit for your project.

How does Deewaar Claddings resist chemical attacks?

Deewaar claddings are highly resistant to acids, alkalis, salts, sulfates, and corrosive agents due to their strong cross-linked bond structure, making them ideal for harsh environments like coastal regions and industrial areas.

Are Deewaar tiles thermally stable?

Yes, Deewaar tiles have high thermal stability. They are resistant to extreme temperature fluctuations, making them suitable for both high-temperature environments (up to 800°C in some formulations) and freeze-thaw conditions, which are common in exterior applications.

Are Deewaar tiles fire-resistant?

Yes, their inorganic composition ensures they don't burn, melt, or emit toxic gases, making them ideal for fire-rated applications.

What cleaners should be used for daily maintenance?

Use pH-neutral cleaners or mild soap diluted with water. Avoid abrasive or acidic cleaners that may damage the surface.

Are professional installers required for installing Deewaar claddings?

While skilled DIYers may install these claddings, professional installation is recommended for best results, especially for intricate patterns or challenging surfaces.

What is the lifespan of Deewaar tiles?

Deewaar tiles are highly durable and can last for decades, resisting chemical wear, thermal stress, and mechanical impact.

NOTE

Customisation based on design and size is possible and the cost would be shared on case to case basis. The charges would also vary based on the quantity of order beyond 10,000 sqft. All charges are ex-factory prices. 12 colours are possible in each product

These FAQs ensure a clear understanding of story, installation and maintenance of CarbonCraft wall tiles, helping customers achieve optimal results.



Scan to learn more!



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carboncraftdesign.com