

## Domestic

01

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Tel : 82-2-2222-0114  
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04

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Busan Plant  
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05

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Gwangsan-gu, Gwangju, Korea  
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03

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Daegu, Korea (Beop-jo Building 903)  
Tel : 82-53-557-4064  
Fax : 82-2-317-9200-5



## Overseas Subsidiaries



01

Corporation in U.S.A  
LOS ANGELES BRANCH  
DONGKUK INTERNATIONAL, INC.  
19750 Magellan Drive Torrance, CA. 90502, U.S.A  
Tel : 1-310-523-9595 Fax : 1-310-523-9599

04

Coil Center in Mexico  
DONGKUK STEEL MEXICO SA DE CV  
Av. Internacional #303 Parque Industrial Huinela,  
Apodaca, Nuevo Leon, Mexico C.P. 66645  
Tel : 52-81-8145-2122 Fax : 52-81-8145-4350

07

Main Office in China  
SALES DIVISION IN CHINA  
13F, No.39 Dongting Rd, Xishui Zone, Wuxi,  
Jiangsu, China, Zip 214000  
Tel : 86-510-8101-2003 Fax : 86-510-8101-2020

02

New York Branch  
NEW YORK OFFICE  
DONGKUK INTERNATIONAL, INC.  
400 Kalby Street, 11th Floor, Fort Lee, NJ 07024, U.S.A  
Tel : 1-201-592-8600 Fax : 1-201-947-3999

05

Coil Center in India  
DONGKUK STEEL INDIA PVT LTD.  
B-3/2, Ecotech-1, Extension, Greater Noida,  
UP-201 308, India  
Tel : 91-120-481-8156 Fax : 91-813-037-6465

08

Dongkuk Steel China  
DONGKUK STEEL CHINA CO., LTD.  
Xiangang Zone Jiangyin Riverside Economy  
Development Area, Jiangyin City, Jiangsu, China 214442  
Tel : 86-510-8603-2308 Fax : 86-510-8603-2318-9

03

Corporation in Japan  
TOKYO BRANCH  
DONGKUK CORPORATION  
7Floor, PMO Nihonbashi Kayaba-cho, 3-11-10,  
Chuo-ku, Tokyo 103-0025, Japan  
Tel : 81-3-5623-5723 Fax : 81-3-5623-5722

06

Coil Center in Thailand  
DONGKUK STEEL (THAILAND) LTD.  
Pinthong Industrial Estate Project 3, NO. 217/9 Moo 6,  
Bowin, Sriracha, Chonburi 20230, Thailand  
Tel : 66-38-110-570 Fax : 66-38-110-577

09

Corporation in Brazil  
CSP (Companhia Siderurgica do Pecém)  
Rodovia CE 422, S/N, Km 11.5,  
São Gonçalo do Amarante, CE, Brazil CEP 62670-000  
Tel : 55-85-3033-3800 Fax : 55-85-3033-3899

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# Luxteel

PREMIUM

## Creative Inspiration

Luxteel will make anything you think come true.  
Create a new world with us.  
Luxteel will unwind your inspirational talents.  
Luxteel will build a new standard for color steel.



# Who We Are

## Newly write the history of steel with a unique spirit of challenge

In 1954, when it was the time to rebuild the frame of this land, DONGKUK STEEL established a private steel company for the first time in Korea with a mission to erect the steel business above all. We have introduced high-class technologies and high-tech equipments and established a new milestone in the domestic industry for the past sixty years. DONGKUK STEEL now has stood atop as a leader of the world market. We shall always be with you with solid conviction and strong competitiveness that are the symbols of steel.

## Annual Manufacturing Capability

Pre-Painted Steel	Steel Making / Casting	Reinforcing Bars	Sections	Steel Plates	Zn-Coated Steel
750	3.6	2.75	1.3	1.5	1.7
thsd tons	mil tons	mil tons	mil tons	mil tons	mil tons



## Milestones in the journey Towards excellence

1965



- Operated blast furnace in Korea

1967



- Manufactured cold rolled steel in Korea

1971



- Manufactured steel plate in Korea

1972



- Start selling color coated steel

2011



- Launching Luxteel

2016



- Completion of CSP  
- Completion of No. 9CCL



# Luxteel

## PREMIUM

Luxteel is the flagship color steel developed by DONGKUK STEEL MILL CO., LTD. for all architects and designers who wish to pursue better design and engineering.

The various patterns and textures of the Luxteel satisfy the requirements of every user who desires to create a unique and beautiful architecture. It also plays a great role in enhancing the lifespan and value of the architecture; owing to it's ultra-high weatherproof varnish and world's-best plating technological finish.

Accomplish your creative design dreams with Luxteel.

## Product Features



### Eco-friendly

- Luxteel expresses the nature's pattern and texture by itself; as a result it does not destroy the natural resources such as natural timber and stones.
- It is a product with nature-purifying features as recycling is possible due to the characteristics of iron.



### Guaranteed performance

- By using ultra weatherproof paints, it enables the first color to remain the same despite changes in weather such as ultraviolet ray and temperature.
- By utilization of the topmost plating technology accumulated solely by Luxteel, the corrosion of base metal is prevented, accompanied by fireproof function that prevents diffusion when a fire breaks out.

\* GIX, GLX (steel plate plated with magnesium alloy) used



### High aesthetic appeal

- The unique pattern and texture selected and completed by professional designers perfectly reproduce various beauty that can be seen in nature.
- The pattern and texture that can be realized solely by Luxteel will complete your building in a much more luxurious fashion.



### High strength and workability

- As an advantage of the steel, it can play sufficient roles as a structural body depending on the utilization due to its own strength.
- Due to Luxteel's outstanding workability, users can utilize it for various applications.

\* No bending crack (1T 180°), 2~3 times more powerful strength compared to ZINC, copper plate, and AL Sheet



### Cost effective

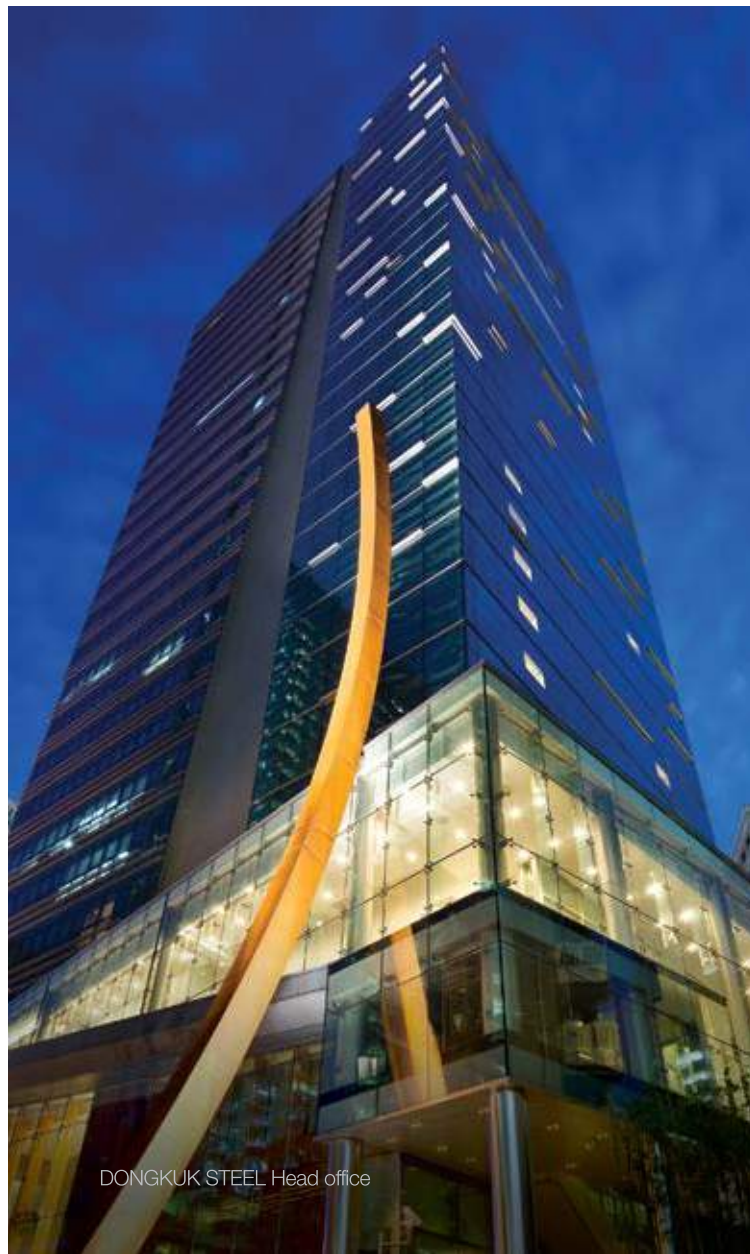
- The most outstanding feature among Luxteel's many advantages is that the costs are inexpensive while still maintaining the advantages from other materials and construction materials.

\* Cost-effectiveness compared to other metallic materials such as AL Sheet, SUS, and marbles.



### 20Y warranty

- Luxteel's perfect performance guarantees the warranty of the maximum 20 years, which is directly issued by Dongkuk Steel.



DONGKUK STEEL Head office



Office interior



N Seoul tower



Elevator



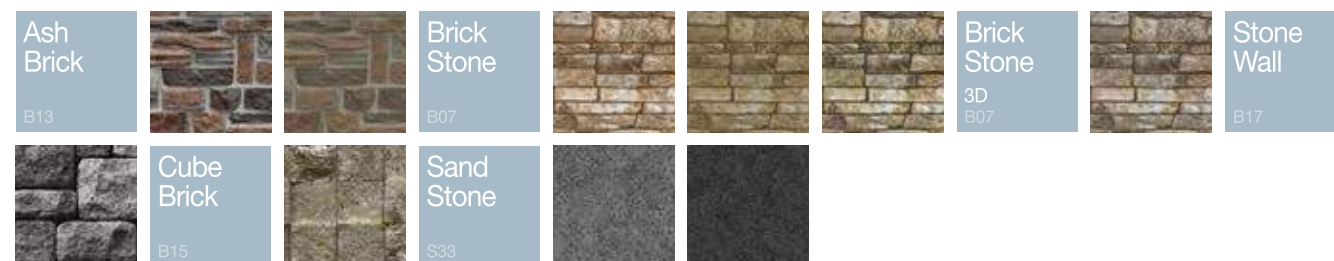
# Pattern Gallery

DONGKUK STEEL was the first Korean company to manufacture and sell pre-painted steel and has been supplying its products to satisfied customers in a full range of colors, patterns, and designs ever since.

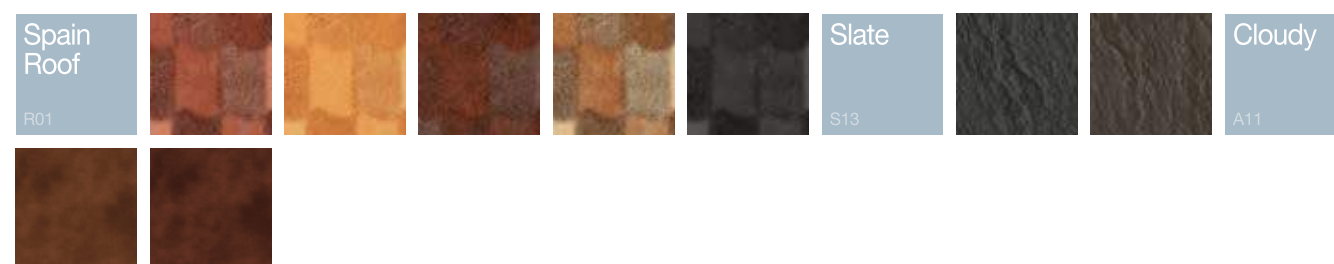
## WOOD



## STONE



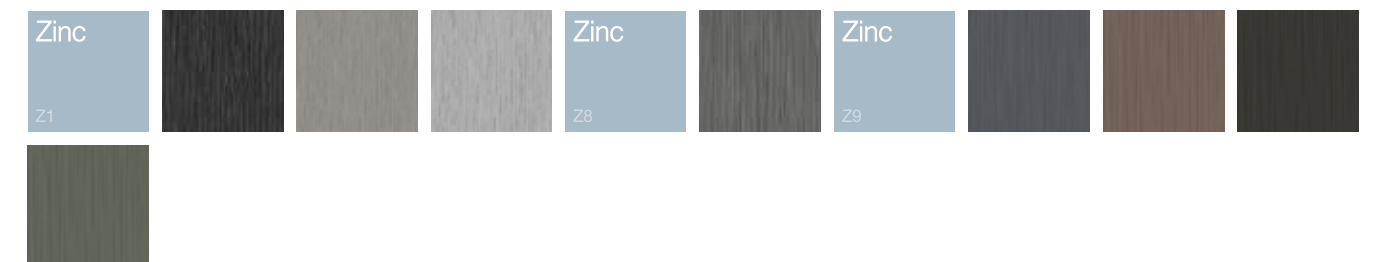
## ROOF



## CORTEN



## ZINC



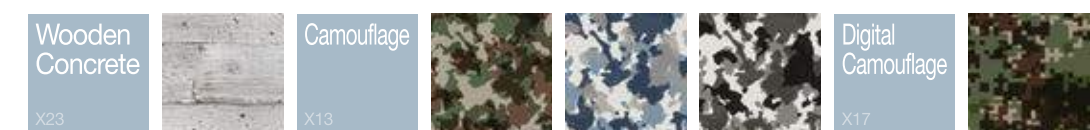
## HAIR LINE



## IMPRINTING



## ETC.



\*The color of the products in this catalogue may vary from the actual products.





# WOOD

Luxteel wood includes the warmth of a lumber which is a construction material that has been beloved for a long time, while expression environmentally friendly designs.  
Meet Luxteel's various wooden patterns.



W69 Knotty Pine (P-TEX)







W23 Acasia Wood



W45 Vintage Pine





W25 Rough Wooden

W25 Rough Wooden (3D)





W01 Wooden Spot



W01 Wooden Spot (3D)



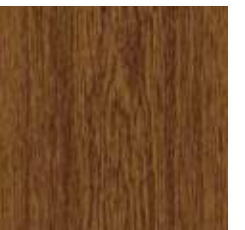




W77 Wooden Spot (P-TEX)



W65 Ash Wood (P-TEX)







W49 Zebrano



W37 Naive







W37 Naive (3D)



W79 Naive (P-TEX)







W15 Fine Wood



W17 Fine Wood (P-TEX)





w29 Teak

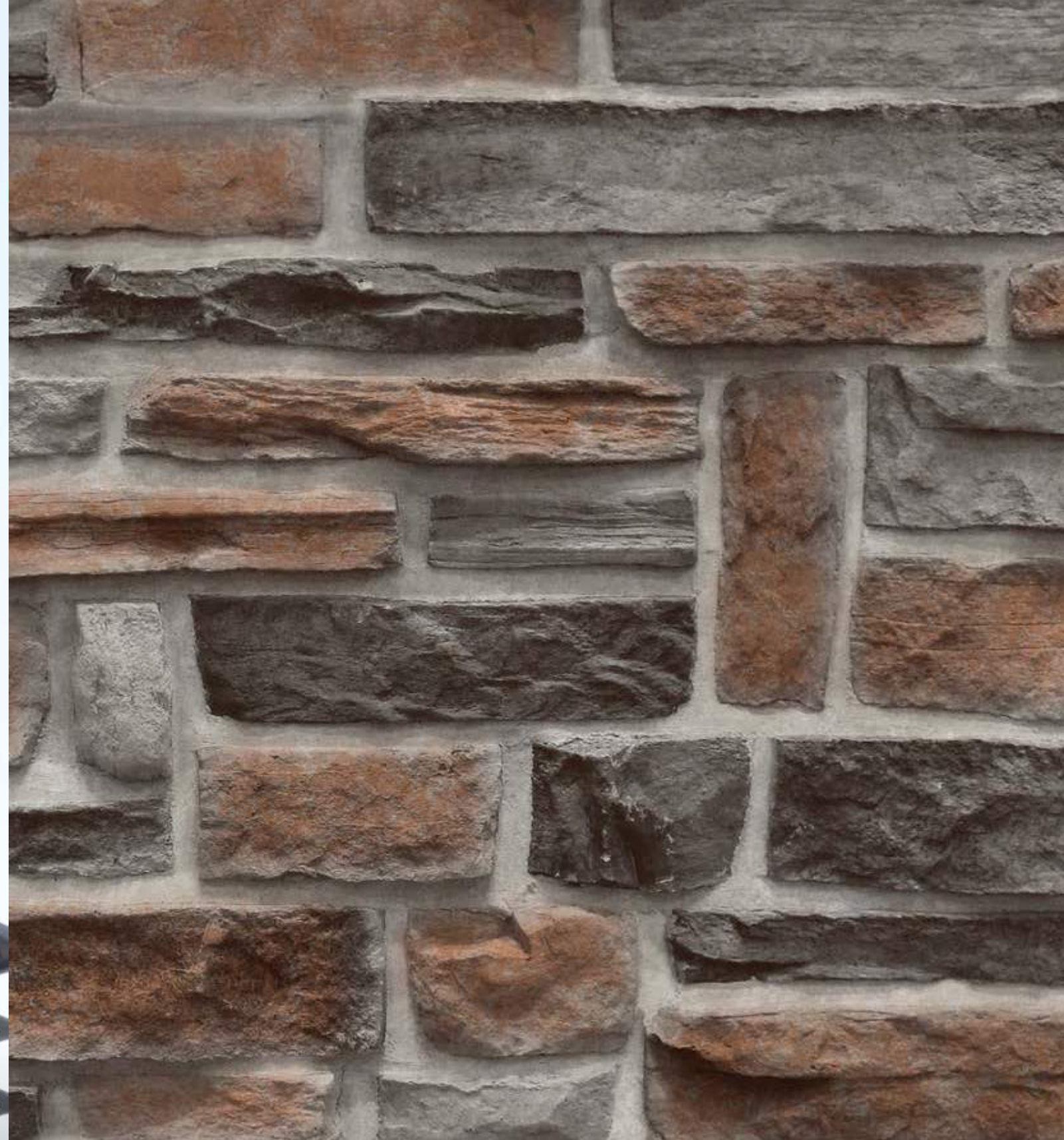






# STONE

Various patterns including marble, brick, and granite have been expressed in a realistic and elegant way.



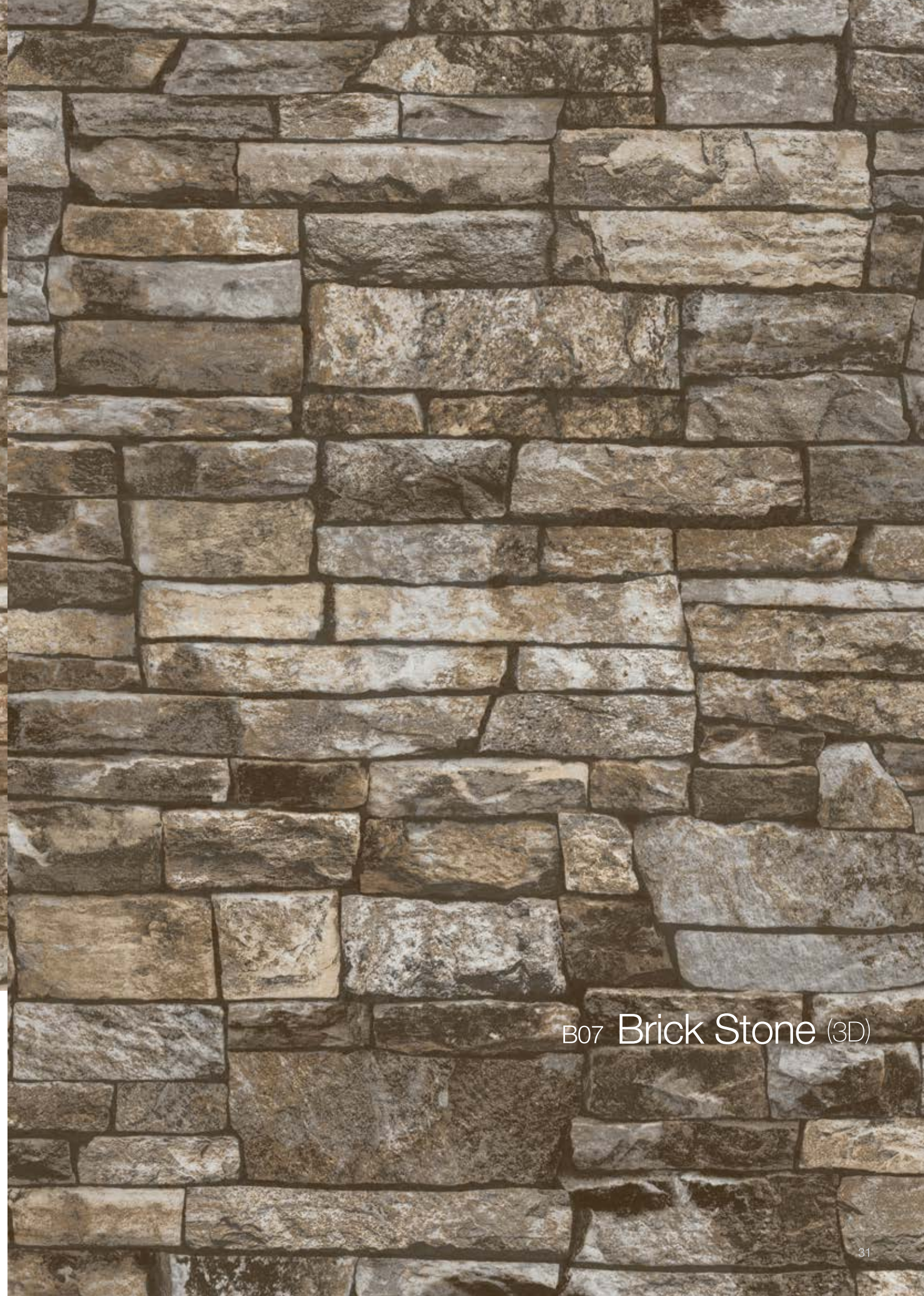
B13 Ash Brick







B07 Brick Stone

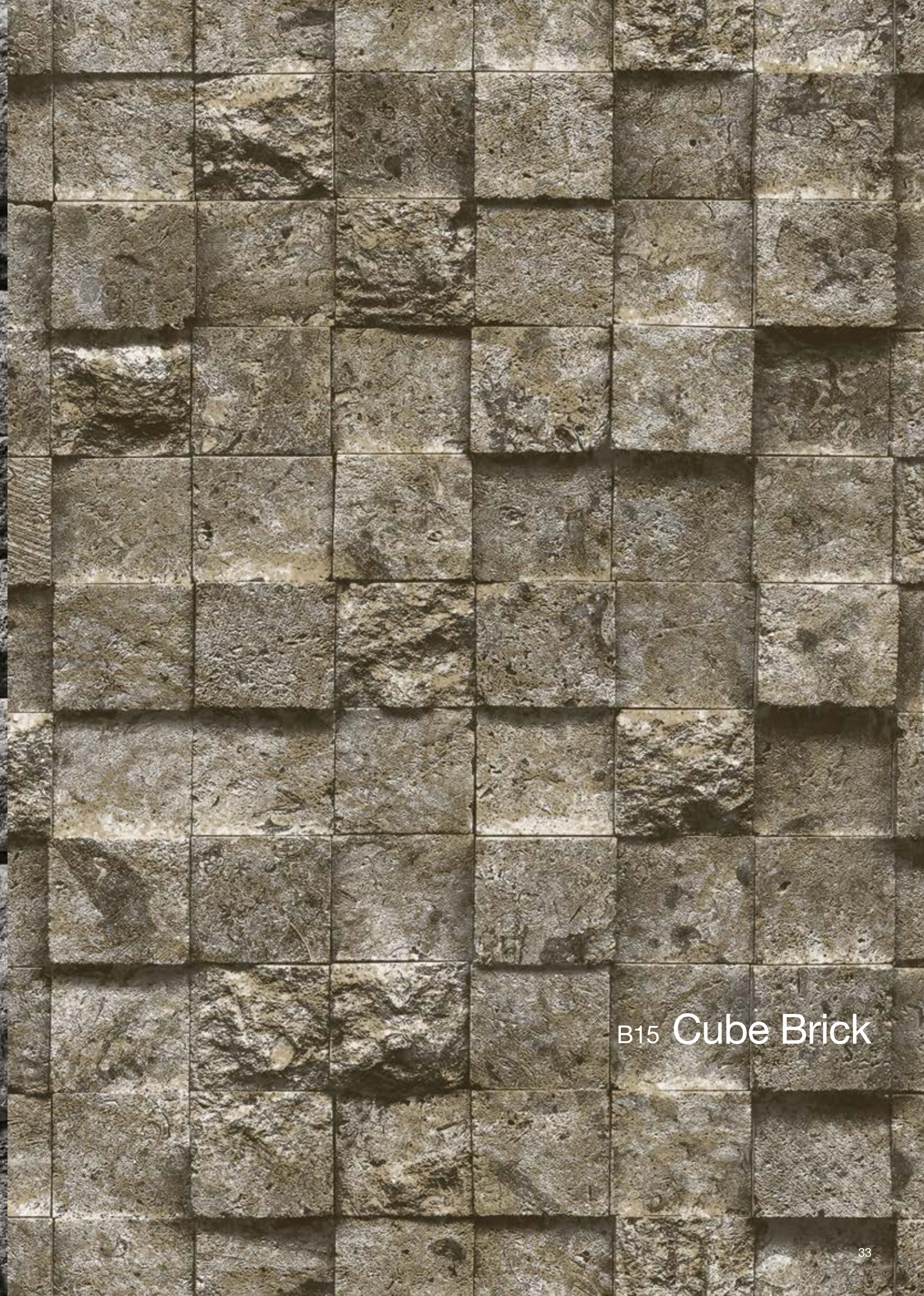


B07 Brick Stone (3D)





B17 Stone Wall



B15 Cube Brick





s33 Sand Stone





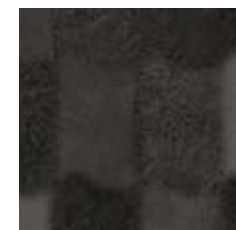


# ROOF

Meet European Roof tile patterns of Dongkuk Steel manufactured especially for roofing materials.



R01 Spain Roof







S13 Slate



A11 Cloudy







# CORTEN

Copper is one of the oldest human friendly metal that has been present in human history. The scattering of the light exposes copper's exquisite color and luster. Luxteel has used iron to collect such changes that copper goes through. You can meet copper's beautiful and nature friendly color via Luxteel.



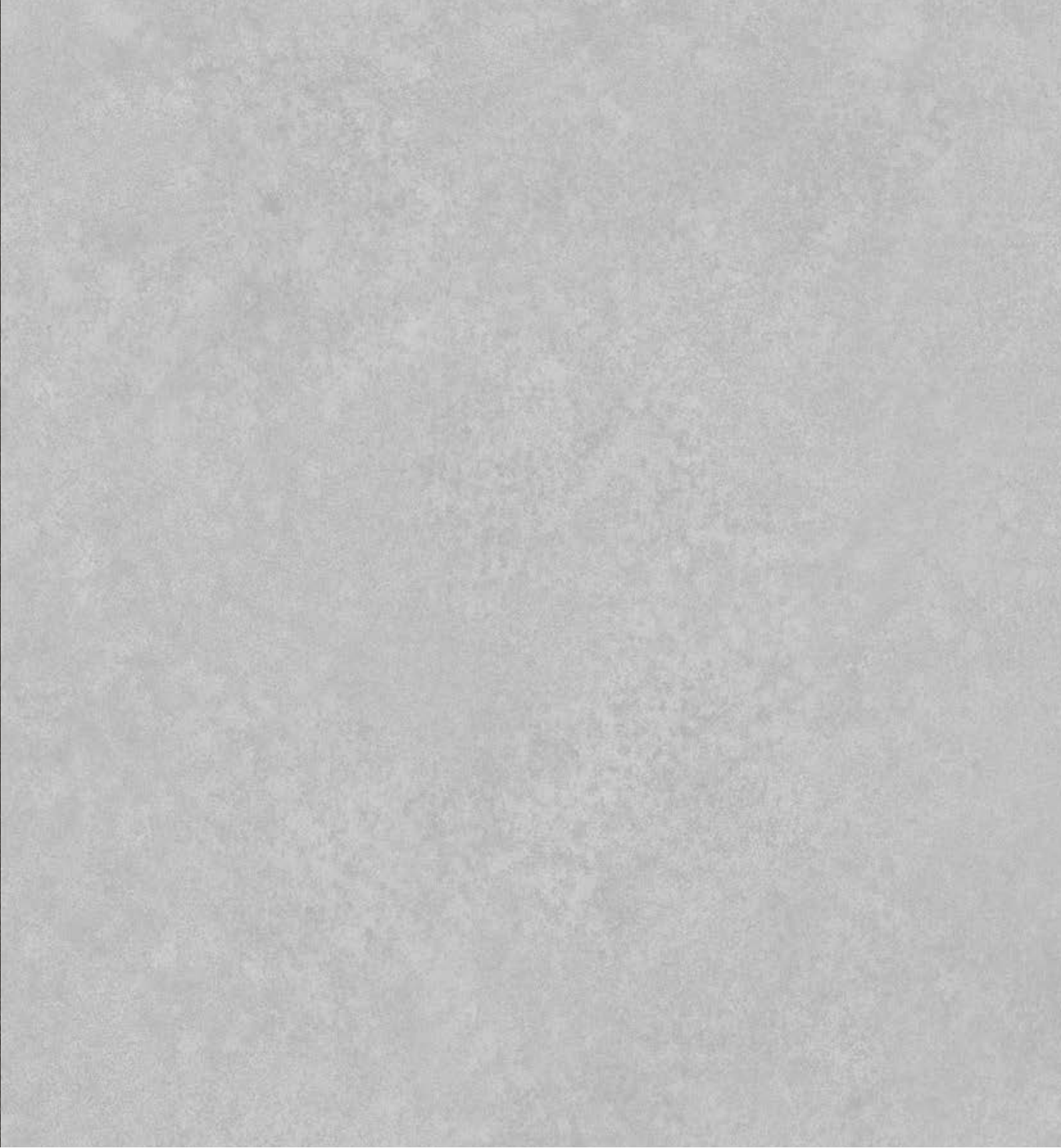
C25 Rough Corten







C11 Corten



C27 Metal Stone







C21 Tile Corten





A solid, dark brown background with a fine, grainy texture, resembling a high-quality leather or a matte-painted surface.

C23 Tile Corten

A textured background in shades of olive green and grey, with a mottled, stone-like appearance and some darker, vein-like patterns.

C29 Tile Corten





# ZINC

Luxteel ZINC has been designed in substitute of zinc-titanium. While it keeps zinc-titanium's luxuriousness, it has also supplemented zinc-titanium's weakness such as thermal expansion, whitening, and flatness. Luxteel ZINC's low price is another feature that makes it attractive.



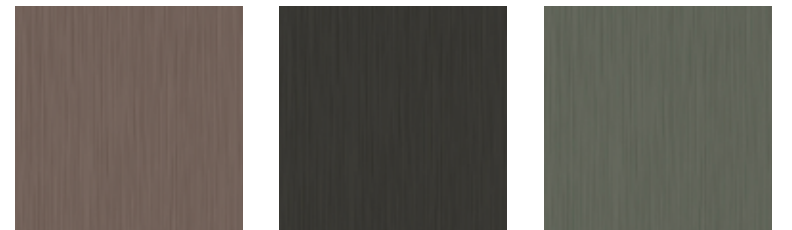
z1 Zinc





z8 Zinc

z9 Zinc







# HAIR LINE

Luxteel's elegant and sophisticated hair line pattern makes the building to appear more luxurious. Meet hair line which only Luxteel can realize.

H1 Hairline



## H2 Hairline



## H4 Hairline



# IMPRINTING

IMPRINTING pattern that is manufactured the way it gives surface intaglio effect along the sculptured pattern on design roll reflects the light at various angles to let pattern itself keep the gorgeous light.  
Experience IMPRINTING pattern that is manufactured only by Dongkuk Steel in the world.

IPA Wave Horizontal





IPB Wave Vertical



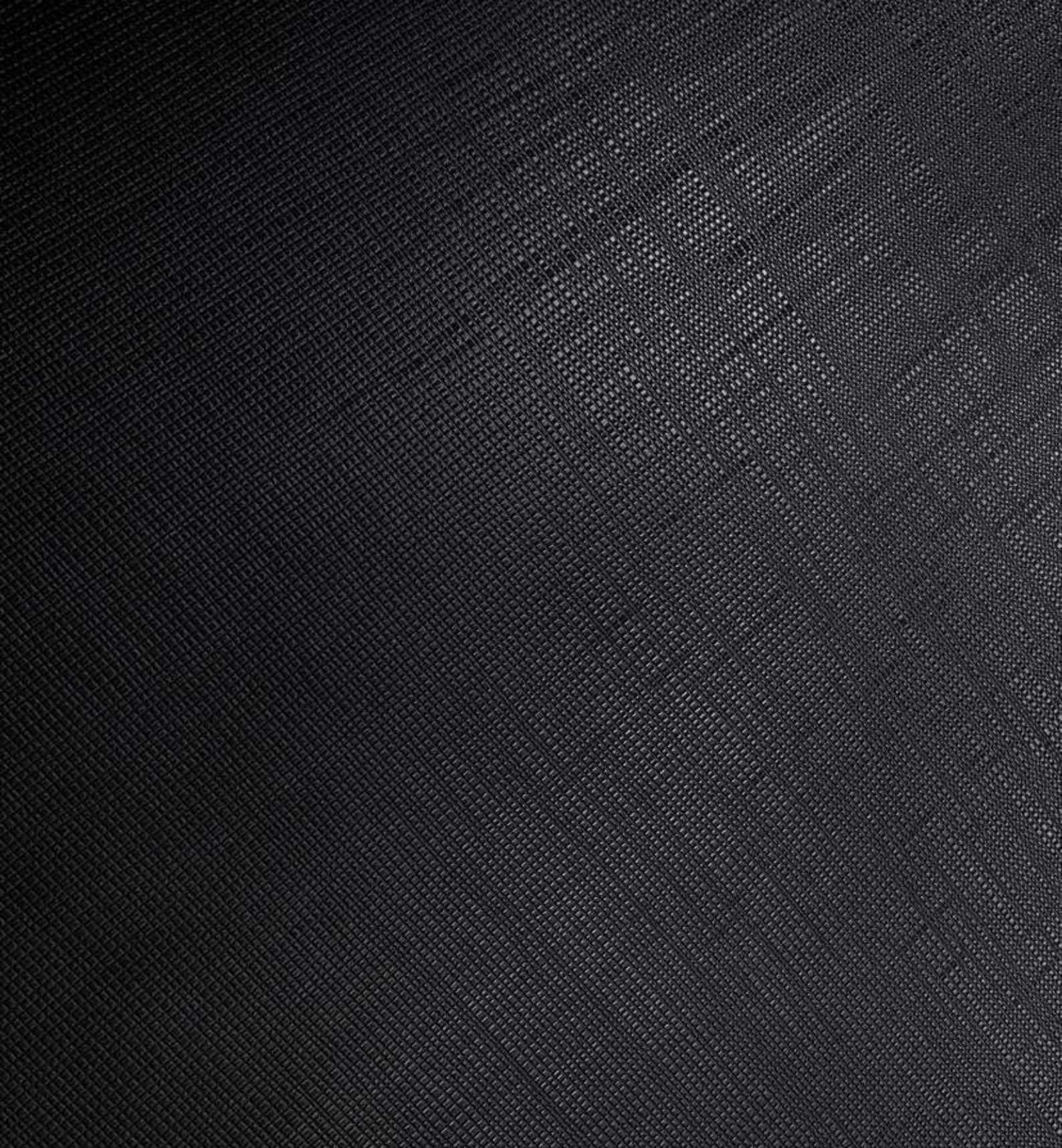
IPC Pentagon







IPE Scratch



IPJ Saffiano







**ETC.**

Meet other diverse and beautiful patterns created by Luxteel's professional designer.

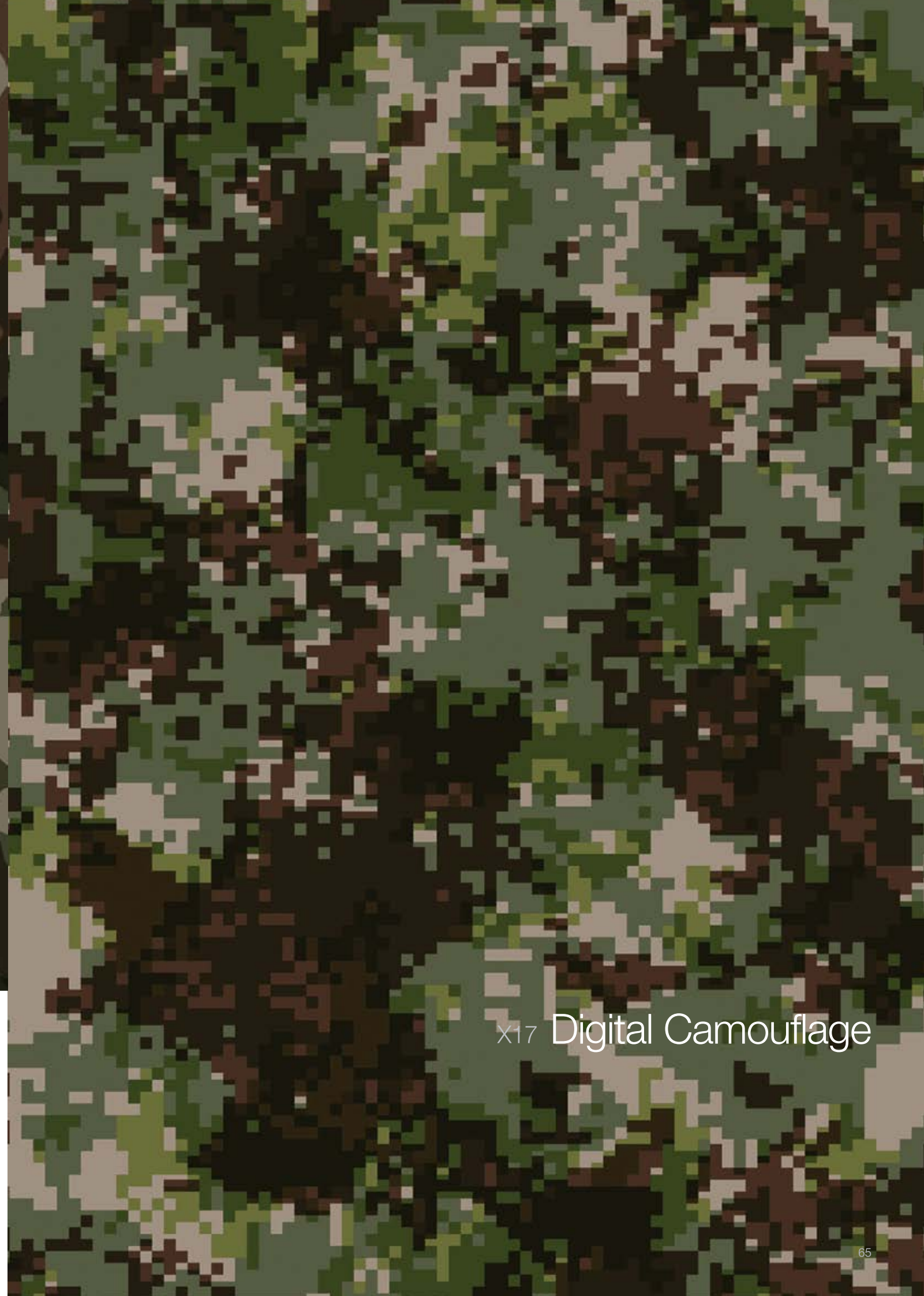


X23 Wooden Concrete





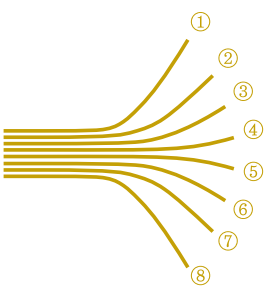
x13 Camouflage



x17 Digital Camouflage

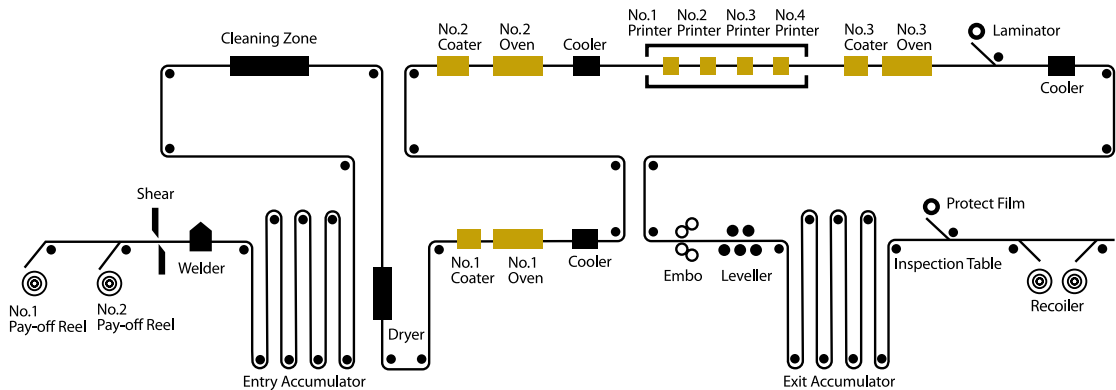


>> Product Structure



- 1. Protective Film**  
The protective film prevents from scratches and contamination.
- 2. Clear**  
The transparent layer protects layers and enhances the appearance of the surfaces.
- 3. Printing**  
These layers creative various print patterns.
- 4. Base**  
It works as the base color for printed layers giving it excellent mechanical & chemical properties.
- 5. Primer**  
The chemical solution improves workability, corrosion resistance and adhesion to primer coating.
- 6. Chemical Treatment**  
This chemical layer improves corrosion resistance and adhesion of the base metal.
- 7. Base Metal**  
CR, EGI, CGI & G/L is commonly applied to home appliance out-case and building panels.
- 8. Back**  
This treatment improves corrosion resistance of the backside and adhesion to urethane.

>> Product Process

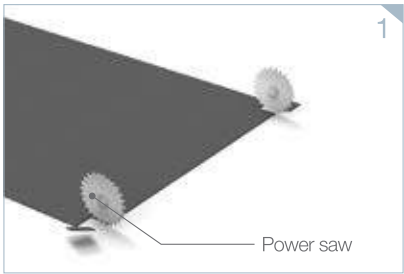


>> Product Properties

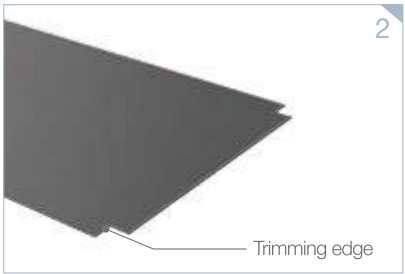
PROPERTY		EVALUATION METHOD	RESULT	
			MVP	PVDF
Adhesion		T-BEND	≤ 2T (ASTM) ≤ 1T (EN)	≤ 0T (ASTM, EN)
MEK Resistance		MEK Rub.	≥ 50	≥ 50
Pencil Hardness		Mitsu. uni.	H~2H	F
Cross-Hatch Adhesion		100/100	100/100	100/100
Impact Resistance		2Kg*1m(19.6J)	No loss of adhesion	No loss of adhesion
Chemical Resistance	Alkali Resistane (5% NaOH)	24Hrs	NO BLISTER	NO BLISTER
	Acid Resistance (5% HCl)	24Hrs	NO BLISTER	NO BLISTER

>> Warranty Example

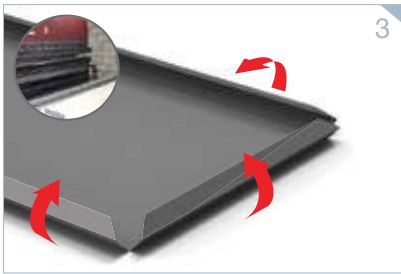
>> The Processing LUXTEEL



1. Cut (Trimming edge)  
Using a cutting machine, punching machine and a power saw



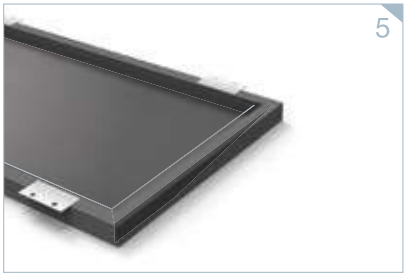
2. Cut (Trimming edge)  
The process of trimming edge for bending



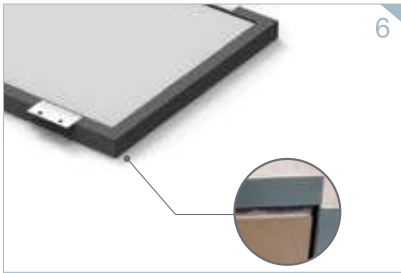
3. Bending  
Bending cut Luxteel using a bending machine



4. Welding the bracket  
Welding bended panel and bracket(angle)



5. Welding the bracket  
Panel after welding bracket(angle)



6. Completion of working the panel  
Completion of working the panel for construction

