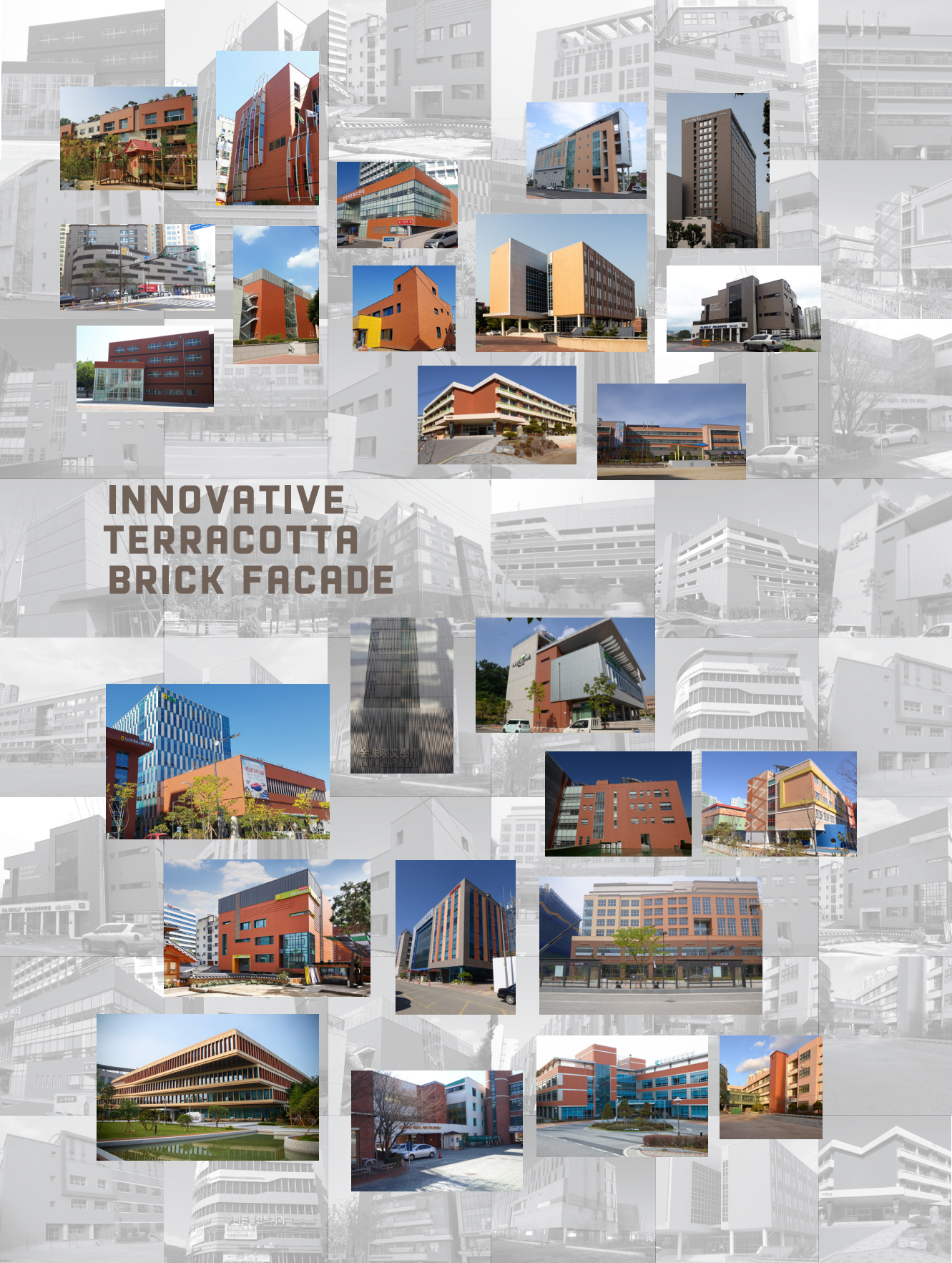


# T-BRICK

**Redefining Facade Architecture**

# INNOVATIVE TERRACOTTA BRICK FACADE





- UNIQUE FACADE BRICK SYSTEM
- EXQUISITE AESTHETICS, EXCELLENT DESIGN
- ROBUST, EASY AND QUICK INSTALLATION
- UNMATCHED DURABILITY
- NO MAINTENANCE
- LEAD AND CADMIUM FREE
- NO CEMENT REQUIRED





ALL WEATHERPROOF



FIRE RESISTANCE



NO COLOUR FADING



STAIN  
RESISTANT



HIGH BREAKING  
STRENGTH



ASTM MOCK UP TEST



EXCELLENT THERMAL  
& SOUND INSULATION

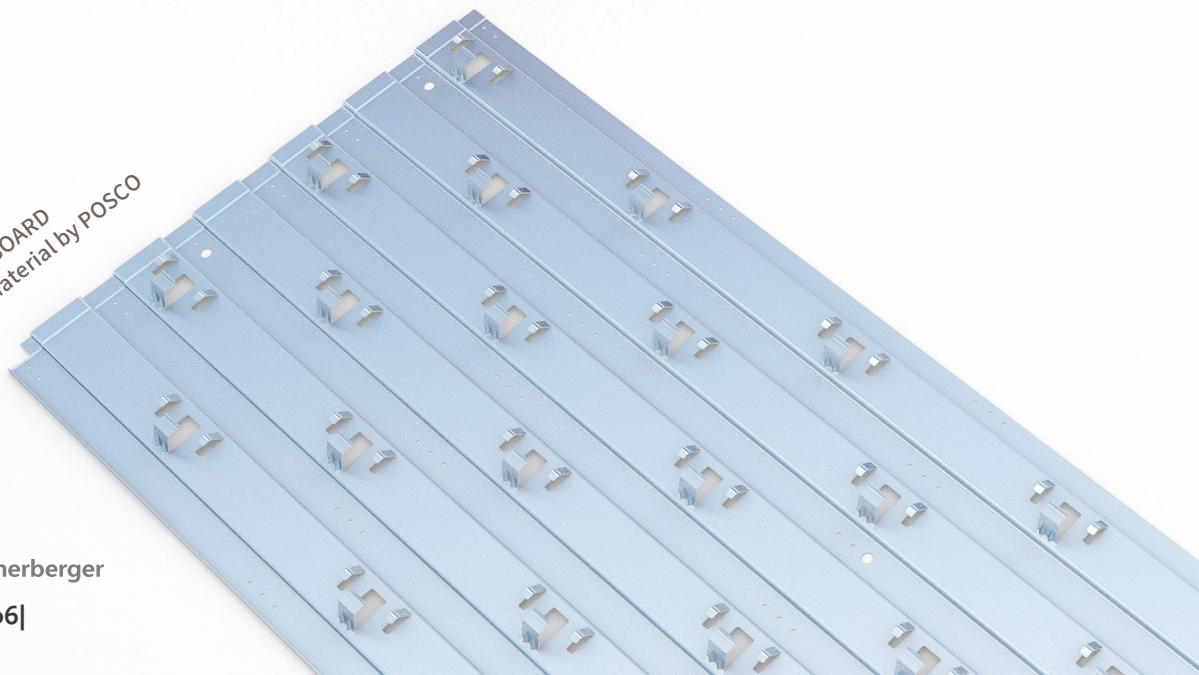
# PRODUCTS

TB-VERTICAL 200 (300 mm)

TB-VERTICAL 100 (300 mm)



M-BOARD  
Material by POSCO

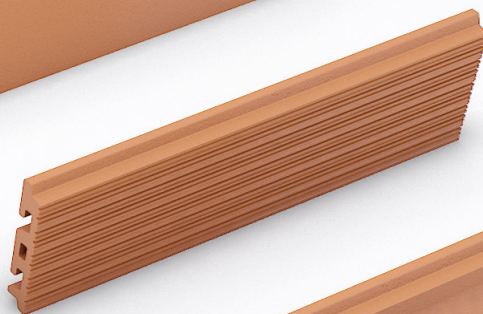




TWIN



ROOF



STRIPE



WAVY

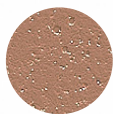


FLAT

SURFACE



SMOOTH



ROUGH



WASHER PIECE 1



WASHER PIECE 2

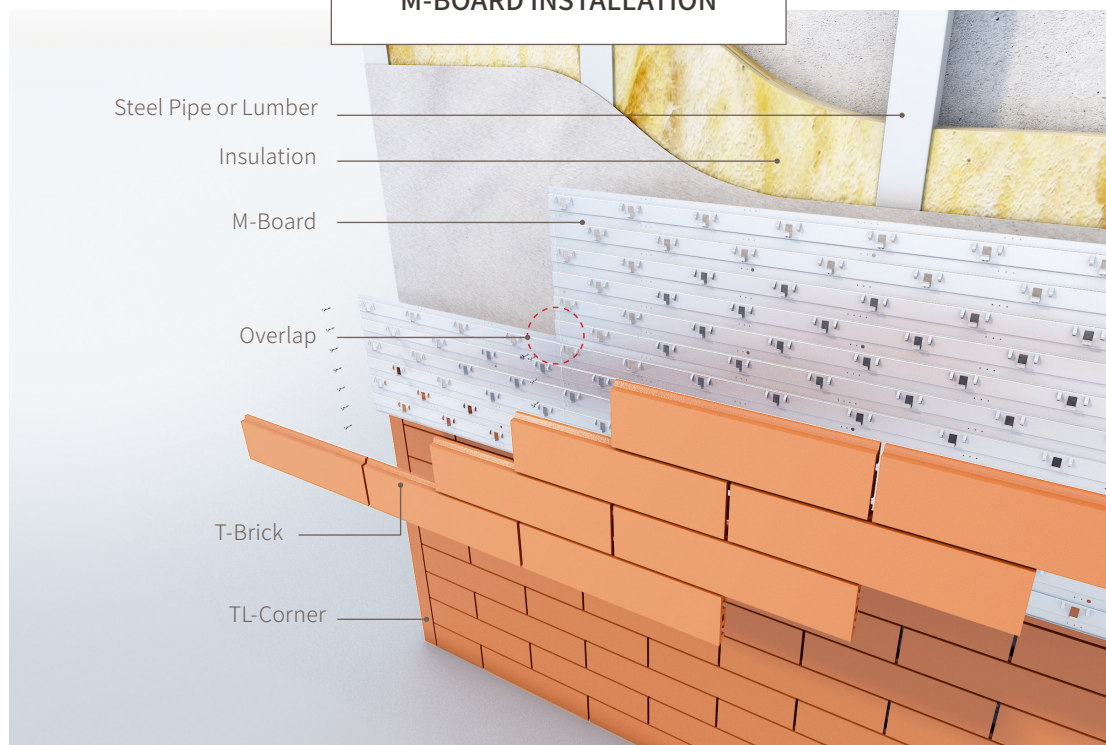


JOINT PIN



Basic Size: 20T x 100H / 200H x 400L / 500L

## M-BOARD INSTALLATION



## M-BOARD OVERLAP DETAIL



# NATURAL COLORS

LIGHT RED



SMOOTH



ROUGH

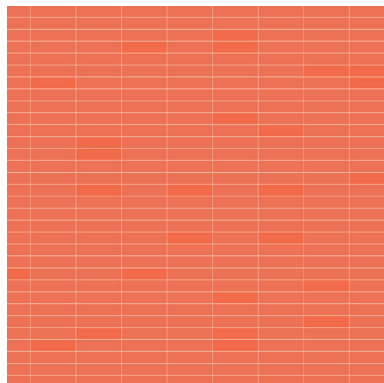


Photo by Elise Petrovich on Unsplash

CAPPUCCINO



SMOOTH



ROUGH

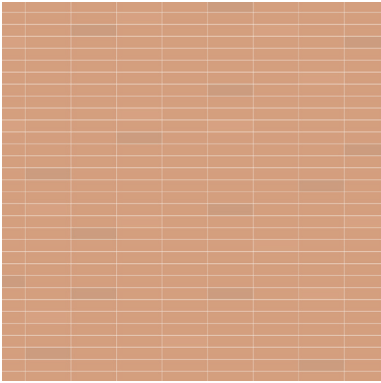


Photo by Grace Mak on Unsplash

BURGUNDY



SMOOTH

ROUGH

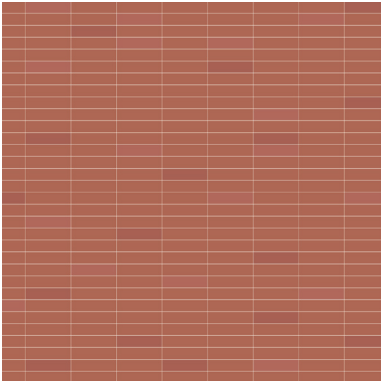


Photo by The Creative Exchange on Unsplash

CHOCOLATE



SMOOTH

ROUGH

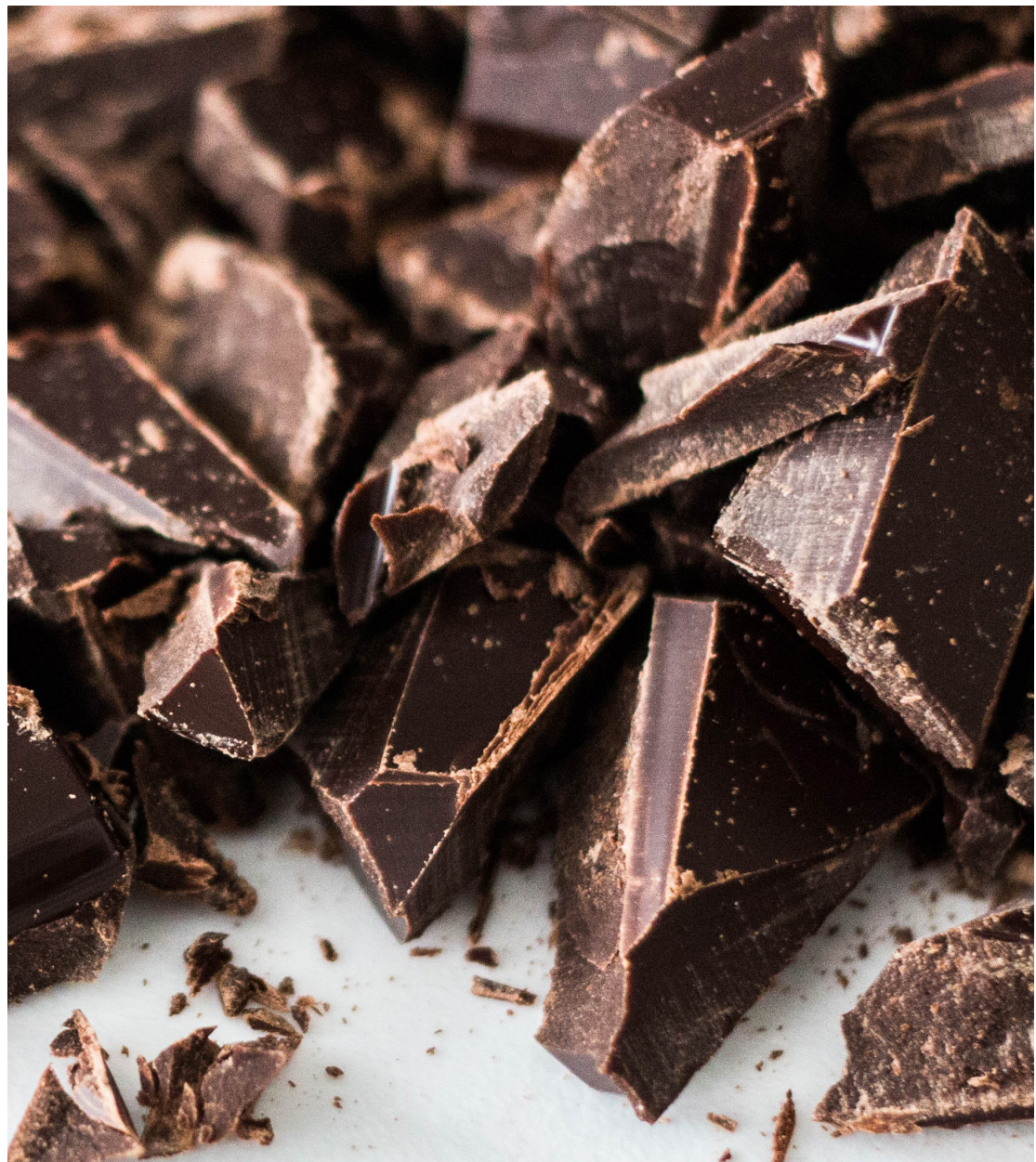
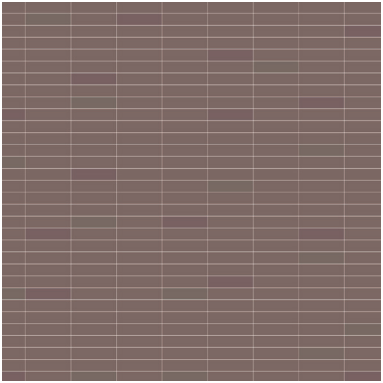


Photo by Charisse Kenion on Unsplash

SANDY



SMOOTH

ROUGH

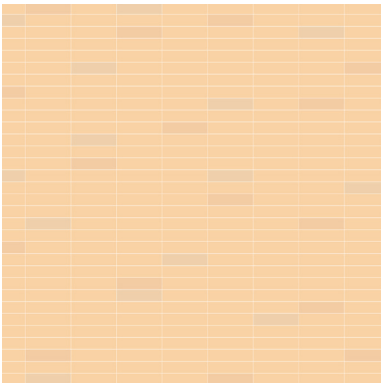


Photo by Willian Justen de Vasconcellos on Unsplash

GRAY



SMOOTH



ROUGH

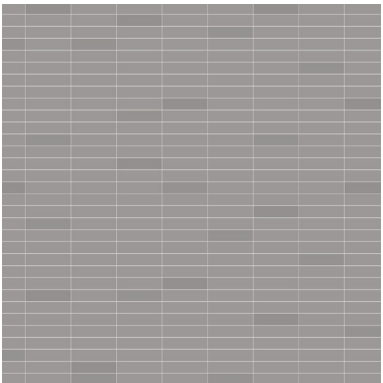


Photo by Shiebi AL on Unsplash

PANTONE BLACK

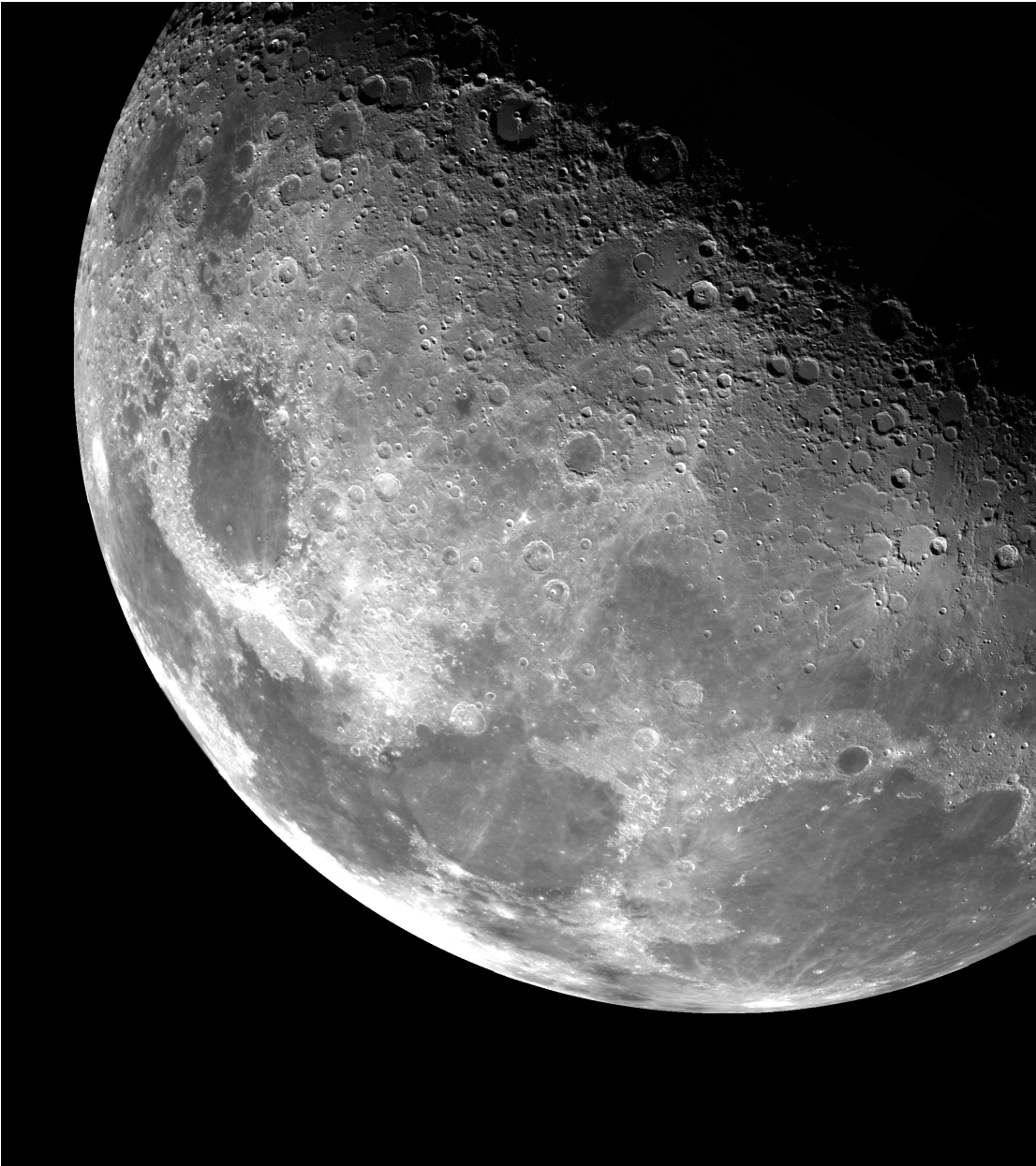


Photo by NASA on Unsplash

PANTONE WHITE



Photo by Ernesta Vala on Unsplash

URBAN COLORS



URBAN COLORS



[From Left] Photo by The Creative Exchange, Krzysztof Kowalik, Roya Ansari and Mike on Unsplash

SANDY / CAPPUCCINO



GRAY / BURGUNDY



CHOCOLATE / SANDY



LIGHT RED / CAPPUCCINO



T-BRICK

CHARACTERISTICS				STANDARD ISO 13006	TERA PANEL	
Sample Production	1	Sampling and basis for acceptance		Not applicable	Not applicable	
1. Dimensions & surface quality	2.1	Surface quality		More than 95%	98%	
	2.2	Length and width		Within +_2.0%	-0.19%	
	2.3	Thickness		Within ±10%	16.1mm	
2. Physical properties	3.1	Water absorption		3.0%<E≤6.0%	4.40%	
	4.1	Breaking strength	breaking strength	950N or more	1809N	
			modulus of rupture	20N/mm3 or more [Individual 18N/ mm3 or more]	33.8N/mm³	
	5.1	Impact resistance		Report test result	0.79	
	6.1	Abrasion resistance	unglazed	Within 393mm3	147mm³	
	7.1		glazed	Report test result	6 Mohs	
	8.1	Linear thermal expansion		Report test result	7.7 x 10-6/°C	
	9.1	Thermal shock resistance		Report test result	Clear	
	10.1	Moisture expansion		Report test result	0.192mm/m	
	11.1	Crazing resistance		Report test result	Not applicable	
	12.1	Frost resistance		Report test result	Clear	
	16.1	Small colour differences		Report test result	Conforms	
3. Chemical properties	13.1	Resistance to acid and alkalis		Report test result	Acid resistance	Clear
					Alkali resistance	
	14.1	Resistance to staining	unglazed	Report test result	class 4	
			glazed	min. class 3	Not applicable	
15.1	Lead and cadmium release		Lead, Cadmium	Not detected		
4. Mock-up Test Report	17.1	ASTM E 330 Standard test method for structural performance of exterior windows, doors, skylights and curtain walls by uniform static air pressure difference		No Problem	300*1200*16  Mock-up test report can be provided upon request	
	17.2	AAMA 501.4 Standard test method for water penetration of windows, curtain walls and doors using dynamic pressure		No Problem		

BRICK BOARD

KS F 5602

Test Item	Tensile Yielding Strength MN/m2	Bending Elasticity Rate MN/m2	Pendulum Dropping Intensity after Low Temperature	Deformation by Heating	Heating Elasticity %	Combustibility		Elasticity due to Repeated Cooling and Heating %
						PVC Resin	ABS Resin	
Performance	36.8 and above	1960 and above	Shall have no more than 2 cracks	Shall have no bubbles, cracks and peels	2.5 and below	Shall not continue combustion	Shall be suitable for HB level	0.2 and below



# wienerberger